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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1782***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1782 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$268**
6. Preliminary examination fee (Rule 58)	**$800**

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**268 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

November 20, 2015

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 20 novembre, 2015

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail Service of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada est reçue par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 17, 2016 contains applications open to public inspection from May 1, 2016 to May 7, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 17 mai 2016 contient les demandes disponibles au public pour consultation pour la période du 1 mai 2016 au 7 mai 2016.

17. Notice of removal from the register of patent agents

The Commissioner of Patents has removed the following names of agents in error. The following patent agents and/or firms are, and always should have been, in good standing:

Agent/Firm Identification Number	Name
11815	FURMAN IP LAW & STRATEGY PC.

17. Avis concernant le registre des agents de brevets : supprimer le nom de certains agents et/ou des entreprises

La commissaire aux brevets a révoqué par erreur du registre des agents de brevets, les agents de brevets et/ou les maisons d'affaires nommés ci-dessous. Les agents de brevets et/ou les maisons d'affaires suivants sont en bonne et due forme et auraient dû toujours être considérés comme tel:

Agent/Firme Numéro d'identification	Nom
11815	FURMAN IP LAW & STRATEGY PC

Canadian Patents Issued

May 17, 2016

Brevets canadiens délivrés

17 mai 2016

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[11] **2,404,903**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G07G 1/00 (2006.01) G07G 1/14 (2006.01) G07G 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING THE EFFECTIVE VELOCITY OF ITEMS THROUGH A STORE OR WAREHOUSE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE SURVEILLER LE TAUX DE ROTATION EFFECTIF D'ARTICLES DANS UN MAGASIN OU UN ENTREPOT**
[72] MCCONNELL, THEODORE VAN FOSSEN, US
[72] VACCARO, HENRY SEBASTIAN, US
[73] DUNNHUMBY LIMITED, GB
[85] 2002-09-25
[86] 2001-04-06 (PCT/US2001/011392)
[87] (WO2001/082170)
[30] US (60/195,689) 2000-04-07
[30] US (60/196,039) 2000-04-07

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[11] **2,429,171**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 3/16 (2006.01) G06F 17/30 (2006.01) G10L 15/22 (2006.01) H04M 3/493 (2006.01)**
[25] EN
[54] **VOICE CONTROLLED BUSINESS SCHEDULING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ORDONNANCEMENT DES AFFAIRES A COMMANDE VOCALE**
[72] TANG, YI, US
[73] TANG, YILISSA, US
[86] (2429171)
[87] (2429171)
[22] 2003-05-22
[30] US (60/392572) 2002-06-27

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[11] **2,439,565**
[13] C
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **DIGITAL ONLINE EXCHANGE**
[54] **ECHANGE NUMERIQUE EN LIGNE**
[72] EGLEN, JAN ALAN, US
[72] BAKKE, JUSTIN, US
[72] DASBACH, GARRICK, US
[72] DAVIS, ROGER D., US
[72] DRAPAC, DAVID, US
[72] EGLEN, JEREMY, US
[72] GOLDFINGER, TODD, US
[72] LINDQUIST, EPHRAIM, US
[72] MARMAROS, DAVID, CA
[72] SCHMIDT, DAVID RUSSELL, US
[72] VOILS, JOSH, US
[73] DIGONEX TECHNOLOGIES, INC., US
[85] 2003-08-27
[86] 2002-02-27 (PCT/US2002/005938)
[87] (WO2002/069107)
[30] US (60/272,130) 2001-02-28
[30] US (60/310,381) 2001-08-06

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[11] **2,441,500**
[13] C
[51] **Int.Cl. B01J 31/00 (2006.01) B01J 27/24 (2006.01) B01J 31/22 (2006.01) B01J 37/34 (2006.01) C07D 233/00 (2006.01) C07D 233/02 (2006.01) C07D 233/54 (2006.01) C07D 233/56 (2006.01) C07D 233/58 (2006.01) C08F 4/44 (2006.01) C08F 4/80 (2006.01) C08G 61/08 (2006.01)**
[25] EN
[54] **HIGH ACTIVITY METAL CARBENE METATHESIS CATALYSTS GENERATED USING A THERMALLY ACTIVATED N-HETEROCYCLIC CARBENE PRECURSOR**
[54] **CATALYSEURS METALLIQUES DE METATHESE DE CARBENE A HAUTE ACTIVITE GENERES AU MOYEN D'UN PRECURSEUR DE CARBENE N-HETEROCYCLIQUE ACTIVE DE MANIERE THERMIQUE**
[72] BELL, ANDREW, US
[72] GRUBBS, ROBERT H., US
[72] MORGAN, JOHN P., US
[72] MOORE, JASON L., US
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[73] CYMETECH, LLC., US
[85] 2003-09-22
[86] 2002-03-25 (PCT/US2002/009273)
[87] (WO2002/076613)
[30] US (60/278,311) 2001-03-23
[30] US (60/288,680) 2001-05-03
[30] US (60/360,775) 2002-03-01

[11] **2,449,787**
[13] C
[51] **Int.Cl. G01V 3/00 (2006.01) G01R 33/44 (2006.01) G01V 3/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR FORMATION EVALUATION WHILE DRILLING**
[54] **SYSTEME ET PROCEDES D'EVALUATION DE FORMATIONS EN COURS DE FORAGE**
[72] PRAMMER, MANFRED G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2003-12-05
[86] 2002-06-05 (PCT/US2002/017772)
[87] (WO2002/099462)
[30] US (09/874,029) 2001-06-05

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[11] **2,466,889**
[13] C
[51] **Int.Cl. C12N 15/86 (2006.01) A61K 48/00 (2006.01) C07K 14/47 (2006.01) C12N 15/12 (2006.01) C12N 15/85 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **USE OF THE ADENOVIRAL E2 LATE PROMOTER**
[54] **UTILISATION DU PROMOTEUR TARDIF E2 ADENOVIRAL**
[72] HOLM, PER SONNE, DE
[73] TECHNISCHE UNIVERSITAET MUENCHEN, DE
[85] 2004-04-15
[86] 2002-10-15 (PCT/EP2002/011527)
[87] (WO2003/033692)
[30] DE (101 50 984.7) 2001-10-16

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[11] **2,474,254**
[13] C
[51] **Int.Cl. H01Q 11/12 (2006.01) B65G 1/137 (2006.01) G06K 17/00 (2006.01) G08B 13/14 (2006.01) H01Q 21/00 (2006.01)**
[25] EN
[54] **INVENTORY MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE STOCKS**
[72] BAUER, DONALD GEORGE, US
[72] CAMPERO, RICHARD JOHN, US
[72] RASBAND, PAUL BRENT, US
[72] WEEL, MARTIN DAVID, US
[73] TYCO FIRE & SECURITY GMBH, CH
[85] 2004-07-23
[86] 2003-01-23 (PCT/US2003/001837)
[87] (WO2003/061366)
[30] US (60/350,023) 2002-01-23
[30] US (10/338,892) 2003-01-09

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[54] **METHOD, SYSTEM AND APPARATUS FOR ESTABLISHING A PACKET-BASED CONNECTION WITH A DIAL UP MODEM**
[54] **METHODE, SYSTEME ET APPAREIL PERMETTANT D'ETABLIR UNE CONNEXION DE TRANSMISSION PAR PAQUETS AVEC UN MODEM A COMPOSITION AUTOMATIQUE**
[72] CHAN, FRANK SIU HONG, CA
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[73] BCE INC, CA
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[54] **AN APPARATUS AND METHOD FOR INSPECTING A TUBULAR WITH ULTRASOUND BY USING A DEFORMABLE ACOUSTIC COUPLING ELEMENT**
[54] **APPAREIL ET PROCEDE D'INSPECTION ULTRASONORE DE MATERIEL TUBULAIRE**
[72] NEWMAN, KENNETH RAY, US
[72] LINARES, LIONEL STEPHEN, US
[73] CTES, L.P., US
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[54] **3-D REFLECTOR ANTENNA FOR FORMING BEAMS IN DIFFERENT FREQUENCY BANDS**
[54] **ANTENNE REFLECTEUR A STRUCTURE 3D DE MISE EN FORME DE FAISCEAUX D'ONDES APPARTENANT A DES BANDES DE FREQUENCES DIFFERENTES**
[72] JUDASZ, THIERRY, FR
[72] DAVID, JEAN-FRANCOIS, FR
[72] MAUREL, JACQUES, FR
[73] THALES, FR
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[54] **HYDROENTANGLING USING A FABRIC HAVING FLAT FILAMENTS**
[54] **HYDROENTREMELAGE UTILISANT UN TISSU COMPORTANT DES FILAMENTS PLATS**
[72] LEVINE, MARK J., US
[72] WIDEN, CHRISTIAN B., US
[73] ALBANY INTERNATIONAL CORP., US
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[54] **METHOD, SYSTEM AND DEVICE FOR AUTHENTICATING A USER**
[54] **METHODE, SYSTEME ET DISPOSITIF D'AUTHENTIFICATION D'UN UTILISATEUR**
[72] KIRKUP, MICHAEL G., CA
[72] BROWN, MICHAEL K., CA
[72] BROWN, MICHAEL S., CA
[72] ADAMS, NEIL P., CA
[72] LITTLE, HERBERT A., CA
[73] BLACKBERRY LIMITED, CA
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[54] **GROUP III NITRIDE BASED FLIP-CHIP INTEGRATED CIRCUIT AND METHOD FOR FABRICATING**
[54] **CIRCUIT INTEGRE A PUCES A PROTUBERANCES A BASE DE NITRURE DU GROUPE III ET PROCEDE DE FABRICATION ASSOCIE**
[72] MISHRA, UMESH K., US
[72] PARIKH, PRIMIT, US
[72] WU, YIFENG, US
[73] CREE, INC., US
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[54] **SYSTEMES D'EPURATION DES AGENTS BIOLOGIQUES DE L'AIR**
[72] JIN, SONG, US
[72] BLAND, ALAN E., US
[72] BROWN, TERRY H., US
[73] THE UNIVERSITY OF WYOMING RESEARCH CORPORATION D/B/A/ WESTERN RESEARCH INSTITUTE, US
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[54] **MESSAGERIE FIABLE FAISANT APPEL A DES HORLOGES SYNCHRONES**
[72] LANGWORTHY, DAVID E., US
[72] KAKIVAYA, GOPALA KRISHNA R., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **METHODS FOR VISUALIZING DISTANCES BETWEEN WELLBORE AND FORMATION BOUNDARIES**
[54] **METHODES DE VISUALISATION DES DISTANCES ENTRE UN PUITS DE FORAGE ET LES LIMITES DE LA FORMATION**
[72] WAND, PAUL A., US
[72] SMITS, JAN W., US
[72] LI, QIMING, US
[72] OMERAGIC, DZEVAT, US
[72] CHOU, LAWRENCE, US
[72] XIA, PEIWEN, US
[72] BRISTOW, JAMES F., US
[72] DENICHOU, JEAN MICHEL, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **A SYSTEM AND METHOD FOR COMPARING DOCUMENTS**
[54] **SYSTEME ET METHODE POUR COMPARER DES DOCUMENTS**
[72] MANDELBAUM, FRANK, US
[72] EMBRY, RUSSELL T., US
[73] INTELLI-CHECK, INC., US
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[54] **BAGUETTE DE TAMBOUR ET SON BOUT SYNTHETIQUE**
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[73] J.D. CALATO MANUFACTURING CO., INC., US
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[54] **SYSTEME ET PROCEDE FACILITANT LE PAIEMENT EN LIGNE**
[72] GRINBERG, ALEXANDER, AU
[72] KONTOROVICH, MICHAEL, AU
[72] REYBURN, COLIN, AU
[72] CHAZAN, MARK, AU
[73] PAYWITHMYBANK, INC., US
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[54] **AQUEOUS COMPOSITIONS CONTAINING PERFLUOROPOLYETHER DI-CARBOXYLIC ACIDS FOR THE OLEO-REPELLANT TREATMENT OF PAPER**
[54] **COMPOSITIONS AQUEUSES CONTENANT DES ACIDES PERFLUOROPOLYETHER DICARBOXYLIQUES POUR LE TRAITEMENT D'OLEO-REPULSION DU PAPIER**
[72] IENGO, PAOLO, IT
[72] PADIGALA, MAHESH, US
[72] GAVEZOTTI, PIERO, IT
[73] SOLVAY SOLEXIS S.P.A., IT
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[54] **ELECTRONICALLY CONTROLLABLE AND TESTABLE TURBINE TRIP SYSTEM**
[54] **SYSTEME DE DECLENCHEMENT DE TURBINE A COMMANDE ET ESSAI ELECTRONIQUES**
[72] NATILI, RICHARD PETER, JR., US
[72] SWEENEY, THOMAS, US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
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[54] **METHOD, SYSTEM AND COMPUTER PROGRAM FOR GENERIC SYNCHRONIZED MOTION CONTROL FOR MULTIPLE DYNAMIC SYSTEMS**
[54] **METHODE, SYSTEME ET PROGRAMME D'ORDINATEUR SERVANT A LA COMMANDE GENERIQUE DE MOUVEMENTS SYNCHRONISES POUR SYSTEMES DYNAMIQUES MULTIPLES**
[72] LIU, HUGH H. T., CA
[72] SHAN, JINJUN, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **CONSTANT CURRENT CLASS 3 LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE CLASSE 3 COURANT CONSTANT**
[72] RIMMER, PHILIP JOHN, GB
[72] SHERRINGTON, CAROLE FRANCES, GB
[73] JUNO MANUFACTURING, INC., US
[73] ISOTERA LIMITED, GB
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[25] EN
[54] **USES OF THE PREGNANE GLYCOSIDES IN THE TREATMENT/MANAGEMENT OF OBESITY, OBESITY-RELATED AND OTHER DISORDERS**
[54] **UTILISATIONS DE GLYCOSIDES PREGNANES POUR LE TRAITEMENT OU LA GESTION DE L'OBESITE, DE TROUBLES ASSOCIES A L'OBESITE ET D'AUTRES DESORDRES**
[72] RAJENDRAN, RAMASWAMY, IN
[72] RAJENDRAN, KAMALA, IN
[73] RAJENDRAN, RAMASWAMY, IN
[73] RAJENDRAN, KAMALA, IN
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[54] **SYSTEM AND METHOD FOR COMMUNICATION SESSION CORRELATION**
[54] **SYSTEME ET METHODE POUR LA CORRELATION DE SESSIONS DE COMMUNICATION**
[72] JANSSON, MICHAEL, SE
[72] FIKOURAS, IOANNIS, DE
[72] LORETO, SALVATORE, FI
[72] FERSMAN, ELENA, SE
[72] ERIKSSON, GORAN ANDERS PETTER, SE
[72] LEVENSHTEYN, ROMAN, DE
[72] CAMARILLO, GONZALO, FI
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[54] **SYSTEME ET METHODE DE REAPPROVISIONNEMENT D'ITEMS**
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[73] LOGI D INC., CA
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[54] **A LOW SULFUR AND LOW PHOSPHORUS HEAVY DUTY DIESEL ENGINE LUBRICATING OIL COMPOSITION**
[54] **COMPOSITION D'HUILE LUBRIFIANTE POUR MOTEUR DIESEL A GRANDE PUISSANCE, PRESENTANT UNE FAIBLE TENEUR EN SOUFRE ET EN PHOSPHORE**
[72] VAN DAM, WILLEM, NL
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **MISE EN OEUVRE DE TRANSACTIONS PROGRAMMATIQUES AUTORISEES AUTOMATIQUEMENT**
[72] GUPTA, VIKAS, US
[72] VERMEULEN, ALLAN H., US
[72] WEI, EUGENE, US
[72] JASSY, ANDREW R., US
[72] BEZOS, JEFFREY P., US
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[54] **METHODS FOR PREPARING FREEZE-DRIED PLATELETS, COMPOSITIONS COMPRISING FREEZE-DRIED PLATELETS, AND METHODS OF USE**
[54] **PROCEDES PERMETTANT DE PREPARER DES PLAQUETTES LYOPHILISEES, COMPOSITIONS CONTENANT LESDITES PLAQUETTES LYOPHILISEES, ET PROCEDES D'UTILISATION ASSOCIES**
[72] HO, DAVID, US
[72] ORSER, CINDY S., US
[72] RUDOLPH, ALAN S., US
[72] MOSKOWITZ, KEITH A., US
[72] DEE, JOSHUA, US
[73] CELLPHIRE, INC., US
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[54] **METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC AUTHORIZATION CODE**
[54] **PROCEDE ET SYSTEME POUR L'AUTORISATION D'UNE TRANSACTION UTILISANT UN CODE D'AUTORISATION DYNAMIQUE**
[72] WANKMUELLER, JOHN, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
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[86] 2005-08-18 (PCT/US2005/029758)
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[54] **CAP ASSEMBLY AND CONTAINER USED THEREWITH**
[54] **ENSEMBLE DE FERMETURE ET RECIPIENT UTILISE AVEC CET ENSEMBLE**
[72] VERESPEJ, ROCKLIN, US
[72] HARTMAN, LUKE, US
[73] SCHOLLE CORPORATION, US
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[54] **IMPROVED BATTERY MAINTENANCE**
[54] **ENTRETIEN AMELIORE DES ACCUMULATEURS**
[72] ALTMAN, ROGER, US
[73] CANADUS POWER SYSTEMS, LLC, US
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[54] **THIN FILM METALLIC DEVICES FOR PLUGGING ANEURYSMS OR VESSELS**
[54] **DISPOSITIFS METALLIQUES A COUCHE MINCE UTILISES POUR COLMATER DES ANEVRISMES OU DES VAISSEAUX**
[72] SLAZAS, ROBERT R., US
[72] JONES, DONALD K., US
[73] CORDIS NEUROVASCULAR, INC., US
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[51] **Int.Cl. A61K 31/7034 (2006.01) A61K 31/05 (2006.01) A61K 31/16 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF PATHOLOGIES CAUSED BY THE GENERAL RESPONSE OF THE IMMUNE SYSTEM**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE PATHOLOGIES CAUSEES PAR LA REPONSE GENERALE DU SYSTEME IMMUNITAIRE**
[72] DELLA VALLE, FRANCESCO, IT
[72] DELLA VALLE, MARIA FEDERICA, IT
[72] MARCOLONGO, GABRIELE, IT
[72] RAVAGNAN, GIANPIERO, IT
[72] DI MARZO, VINCENZO, IT
[73] EPITECH GROUP S.R.L., IT
[86] (2582027)
[87] (2582027)
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[51] **Int.Cl. C10M 161/00 (2006.01) C10M 149/02 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **OIL COMPOSITION FOR LUBRICATING AN EGR EQUIPPED DIESEL ENGINE AND AN EGR EQUIPPED DIESEL ENGINE COMPRISING SAME**
[54] **COMPOSITION D'HUILE PERMETTANT DE LUBRIFIER UN MOTEUR DIESEL EQUIPE D'UN EGR ET MOTEUR DIESEL EQUIPE D'UN EGR COMPRENANT CELLE-CI**
[72] KINKER, BERNARD, US
[72] FISCHER, MATTHIAS, DE
[72] BOLLINGER, MARTIN, US
[72] CYBERT, ROBERT, US
[72] BIELMEIER, ERNST, DE
[72] COOPER, DAVID, US
[72] FISCHER, ANGELIKA, DE
[72] CROESSMANN, MELANIE, DE
[73] EVONIK OIL ADDITIVES GMBH, DE
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[30] US (11/019,256) 2004-12-23

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[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/437 (2006.01) C07D 471/22 (2006.01)**
[25] EN
[54] **SUBSTITUTED CHIRAL FUSED [1,2]IMIDAZO[4,5-C] RING COMPOUNDS**
[54] **COMPOSES CHIRAUX [1,2]IMIDAZO[4,5-C] SUBSTITUES A NOYAU FUSIONNE**
[72] GRIESGRABER, GEORGE W., US
[72] KSHIRSAGAR, TUSHAR A., US
[72] SLANIA, SARAH J., US
[72] DANIELSON, MICHAEL E., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[30] US (60/640,440) 2004-12-30
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[51] **Int.Cl. G06F 7/08 (2006.01)**
[25] EN
[54] **METHOD FOR MAINTAINING A CUSTOMER ACCOUNT**
[54] **PROCEDE DE GESTION D'UN COMPTE CLIENT**
[72] ZUCKER, NEHEMIA, US
[73] J2 GLOBAL COMMUNICATIONS, US
[85] 2007-07-23
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[54] **RESISTIVE ANTI-OBESITY DEVICES**
[54] **DISPOSITIFS A RESISTANCE CONCUS POUR LUTTER CONTRE L'OBESITE**
[72] LEVINE, ANDY H., US
[72] RANDLE, STUART A., US
[72] LAMPORT, RONALD B., US
[72] MELANSON, DAVID A., US
[73] GI DYNAMICS, INC., US
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[54] **SYSTEME ET METHODE POUR UNE CONVERSION ENTRE DES TRANSACTIONS BASEES SUR INTERNET ET DES TRANSACTIONS NON BASEES SUR INTERNET**
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[54] **PROCEDE ET SYSTEME DE GESTION D'ACTIFS DISTRIBUE**
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[72] DUCHESNE, YANICK, CA
[73] CONNECTIF SOLUTIONS INC., CA
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[54] **PROCEDE DE CONNEXION D'UN CIRCUIT INTEGRE SANS CONTACT A UN COMPOSANT NFC**
[72] CHARRAT, BRUNO, FR
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[72] TANIUCHI, KENICHI, US
[72] OHBA, YOSHIHIRO, US
[72] DAS, SUBIR, US
[72] DUTTA, ASHUTOSH, US
[72] MADHANI, SUNIL, US
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[72] STINSON, KELLY, CA
[72] HESS, KRISTOFFER, CA
[73] DIMPLEX NORTH AMERICA LIMITED, CA
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[54] **APPAREILLAGE DE CHAMP PETROLIER COMPRENANT DES ELASTOMERES DILATABLES INTEGRANT DES NANOCAPTEURS ET METHODES D'APPLICATIONS A UN CHAMP PETROLIER**
[72] BHAVSAR, RASHMI B., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **UTILISATION D'OLIGONUCLEOTIDES DANS DES ETATS INFLAMMATOIRES REFRACTAIREES AUX STEROIDES OU DEPENDANTES DES STEROIDES**
[72] LOFBERG, ROBERT, SE
[72] VON STEIN, OLIVER, SE
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[54] **PRODUCTION DE PRODUITS RECOMBINES**
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[72] FRASER, SHEENA JANET, ZA
[73] QUORUS BIOTECH (PROPRIETARY) LIMITED, ZA
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[54] **MONOMETHYLVALINE COMPOUNDS HAVING PHENYLALANINE SIDE-CHAIN MODIFICATIONS AT THE C-TERMINUS**
[54] **COMPOSES DE MONOMETHYLVALINE PRESENTANT DES MODIFICATIONS DE LA CHAINE LATERALE DE PHENYLALANINE AU NIVEAU DE L'EXTREMITE C**
[72] DORONINA, SVETLANA O., US
[72] KLINE, TONI BETH, US
[73] SEATTLE GENETICS, INC., US
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[54] **CAPSULE INTRACORPORELLE EXTENSIBLE**
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[73] WEISS, MENACHEM P., IL
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[54] **VALVE POUR MOULE A CO-INJECTION**
[72] FAIRY, FABRICE, CA
[73] MOLD-MASTERS (2007) LIMITED, CA
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[54] **PIPELINE CONDITION DETECTING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DETECTION DE L'ETAT D'UNE CANALISATION**
[72] WAYMAN, MALCOLM, GB
[72] TREECE, RICHARD, GB
[73] ADVANCED ENGINEERING SOLUTIONS LTD., GB
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[54] **CONSTRUCTIONS DE DIAMANT POLYCRISTALLIN A STABILITE THERMALE PERFECTIONNEE**
[72] KESHAVAN, MADAPUSI K., ZZ
[72] GRIFFO, ANTHONY, ZZ
[72] SHEN, YUELIN, ZZ
[72] ZHANG, YOUHE, ZZ
[73] SMITH INTERNATIONAL, INC., US
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[54] **SYSTEME DE LIVRAISON D'INFORMATION, DISPOSITIF DE CENTRE DE LIVRAISON, TERMINAL UTILISATEUR ET METHODE DE LIVRAISON CONNEXE**
[72] KURIHARA, SHINICHI, JP
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[54] **DISPOSITIF A INDUCTION PERMETTANT DE PRODUIRE UN PLASMA**
[72] MORRISROE, PETER J., US
[73] PERKINELMER, INC., US
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[54] **SYSTEME DE DISTRIBUTION SANS FIL A GUIDE D'ONDES ET PROCEDE DE FONCTIONNEMENT**
[72] BECKER, CHARLES D., US
[73] WIRELESS EXPRESSWAYS INC., US
[85] 2008-03-17
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[54] **APPAREILS, SYSTEMES ET PROCEDES DE COMMANDE ET DE LIVRAISON ROBOTIQUES**
[72] ZINI, ALDO, US
[72] ALLEN SPENCER WAYNE, US
[72] SKIRBLE, BARRY MARK, US
[72] THORNE HENRY F., US
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[54] **CAPTURE DE CELLULES ENDOTHELIALES PROGENITRICES AVEC UN DISPOSITIF MEDICAL IMPLANTABLE A ELUTION DE MEDICAMENT**
[72] COTTONE, ROBERT JOHN, JR., US
[72] ROWLAND, STEPHEN M., US
[72] PARKER, SHERRY, US
[72] YOKLAVICH, MEG, US
[72] KUTRYK, MICHAEL JOHN BRADLEY, CA
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[72] LU, ZHENGUO, CA
[72] LIU, JIAREN, CA
[72] RAYMOND, SYLVAIN, CA
[72] POOLE, PHILIP, CA
[72] BARRIOS, PEDRO, CA
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[72] GUMM, DARREL C., US
[73] BOSTON SCIENTIFIC LIMITED, BM
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[54] **ETALONNAGE DE RESEAUX D'ANTENNES POUR SYSTEMES DE COMMUNICATION RADIO**
[72] NAGUIB, AYMAN FAWZY, US
[72] GOROKHOV, ALEXEI, US
[72] VIJAYAN, RAJIV, US
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[72] VAN DEN BOSCH, FRANCISCUS, US
[72] BOON, MEINARDUS PETRUS, US
[73] SEMINIS VEGETABLE SEEDS, INC., US
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[54] **PREVENTION ET DETECTION DE FRAUDE POUR DES DONNEES VIDEO TRANSMISES A UN CLIENT VIA UN RESEAU**
[72] MORTEN, GLENN A., US
[72] HIAR, EDWARD CHARLES, US
[72] JACOBS, ANDRE, US
[72] VERES, JAMES E., US
[72] ZHUK, OSCAR V., US
[72] TINKER, JEFFREY LEE, US
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[54] **GESTION DE MEMOIRE DANS DES SYSTEMES D'ENREGISTREMENT D'EVENEMENT**
[72] PLANTE, JAMES, US
[73] SMARTDRIVE SYSTEMS, INC., US
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[54] **NETWORK DEVICES FOR REPLACING AN ADVERTISEMENT WITH ANOTHER ADVERTISEMENT**
[54] **DISPOSITIFS RESEAU SERVANT A REMPLACER UNE PUBLICITE PAR UNE AUTRE**
[72] MATTHYS, MICHAEL, US
[72] CHENG, LEBIN, US
[72] FEI, AIGUO, US
[73] CORE AUDIENCE, INC., US
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[54] **CARTE PERSONNALISEE DE CLIENT POUR UTILISATION AVEC DES MARCHANDS SELECTIONNES**
[72] BRISCOE, CARL BRAD, US
[72] WEHRMAN, ROBERT WILLIAM, US
[72] MILNER, J. DUWAYNE, US
[72] EASLEY, DANIEL R., US
[73] BLACKHAWK NETWORK, INC., US
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[54] **PLACEMENT DE DISPOSITIFS DE FIXATION**
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[73] BOSTON SCIENTIFIC LIMITED, BM
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[54] **TRAITEMENT DE L'HEPATITE VIRALE**
[72] ROSSIGNOL, JEAN-FRANCOIS, US
[73] ROMARK LABORATORIES, L.C., US
[85] 2008-07-08
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[54] **ELECTRICAL OUTLET BOX HAVING HIGH AND LOW VOLTAGE COMPARTMENTS**
[54] **BOITE A PRISES DE COURANT AVEC COMPARTIMENTS HAUTE TENSION ET BASSE TENSION**
[72] PECK, DAVID M., US
[73] HUBBELL INCORPORATED, US
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[54] **CLEAN IN PLACE GASSING MANIFOLD**
[54] **RAMPE D'ALIMENTATION DE GAZ POUVANT ETRE DECRASSEE SUR PLACE**
[72] HOPKINS, JERRY, US
[72] MELLOR, KEVIN G., US
[73] CONAGRA FOODS RDM, INC., US
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[54] **METHOD AND APPARATUS FOR OPTIMIZATION OF AGRICULTURAL FIELD OPERATIONS USING WEATHER, PRODUCT AND ENVIRONMENTAL INFORMATION**
[54] **METHODE ET APPAREIL D'OPTIMISATION DE L'AGRICULTURE A L'AIDE DE DONNEES METEOROLOGIQUES ET ENVIRONNEMENTALES, AINSI QUE DE RENSEIGNEMENTS SUR LES PRODUITS**
[72] WENDTE, KEITH W., US
[72] RUND, MARTIN, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **DIRECTION ASSISTEE POUR TRAIN ARRIERE DE ROUES PIVOTANTES DE MACHINE DE TRAVAIL**
[72] BEBERNES, THOMAS DARYL, US
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[72] CHAO, QI, US
[72] GROTZFELD, ROBERT M., US
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[72] STOVER, CORDULA MARGARET, GB
[72] TEDFORD, CLARK E., US
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[54] **METHODE D'ESTIMATION DU POTENTIEL DE CROISSANCE DES INFARCTUS CEREBRAUX**
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[72] SAMSON, YVES, FR
[72] HEVIA-MONTIEL, NIDIYARE, MX
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[73] TORAY INDUSTRIES, INC., JP
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[54] **SYSTEME ET METHODE DE DETECTION PAR FIBRES OPTIQUES DU DEBIT DANS UN TROU DE PUITS PAR EFFET DE DIFFRACTION DE CRISTAL DE FARADAY**
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[72] WILSON, COLIN, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **ENSEMBLES DE PILES A COMBUSTIBLE AVEC ECHANGEURS INTEGRES DE CHALEUR A CONDITIONNEMENT REACTIF**
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[72] GRAND, YVON, FR
[72] MOUCHNINO, CYRIL FRANCK, FR
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[54] **APPAREIL D'EXERCICE AEROBIQUE AVEC RESISTANCE**
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[54] **PROCEDE DE CONTROLE D'APPLICATION DANS UN CHIPSET NFC COMPRENANT PLUSIEURS PROCESSEURS HOTES**
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[54] **POLY(BETA-AMINO ESTERS) A EXTREMITE MODIFIEE ET LEURS UTILISATIONS**
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[72] ZUMBUEHL, ANDREAS, CH
[72] LANGER, ROBERT S., US
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[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **METHODE TRAITEMENT DE L'EAU PAR SEDIMENTATION FLOCCULATION LESTEE COMPORTANT LA MESURE EN CONTINU DU LEST, ET SYSTEME CORRESPONDANT A LA METHODE**
[72] SAUVIGNET, PHILIPPE, FR
[72] BEAUDET, JEAN-FRANCOIS, CA
[72] GUILLOT, SONIA, FR
[72] URSEL, VALERY, FR
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[54] **PRODUIT ALIMENTAIRE DE TYPE SAUCISSE COMPRENANT UNE OUVERTURE CENTRALE**
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[73] CIRCLE B ENTERPRISES HOLDING COMPANY, INC., US
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[54] **LIGHTING SYSTEM FOR AVIONICS APPLICATIONS AND CONTROL METHOD THEREOF**
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[54] **SYSTEME ET PROCEDE DE CONVERSION DE MESSAGES FORMATES DE RAPORT METEOROLOGIQUE D'AERODROME EN MESSAGES FORMATES A FORMAT DE MESSAGE VARIABLE CONJOINT**
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[54] **SYSTEME DE PRIORITE POUR COMMUNICATION DANS UN SYSTEME D'AU MOINS DEUX EOLIENNES DISTRIBUEES**
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[54] **SYSTEME ET PROCEDE DE COMMUNICATION PERMETTANT UNE COMMUCATION A L'INTERIEUR DE SYSTEMES DE DISTRIBUTION DE PUISSANCE**
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[54] **UTILISATION DU 2-6-(3-AMINO-PIPERIDIN-1-YL)-3-METHYL-2,-4-DIOXO-3,4-DIHYDRO-2H-PYRIDIMIN-1-YLMETHYL-4-FLUORO-BENZONITRILE POUR LE TRAITEMENT DU DIABETE, DU CANCER, DES MALADIES AUTO-IMMUNES ET DE L'INFECTION AU VIH**
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[54] **UTILISATION D'UN POLYMERE PEIGNE CONTENANT AU MOINS UN GROUPE D'OXYDES DE POLYALKYLENE GREFFES EN TANT QU'AGENT DE COMPATIBILISATION DE CHARGES MINERALES POUR MATERIAUX THERMOPLASTIQUES CHLORES ET MATERIAUX THERMOPLASTIQUES CHLORES CONTENANT LEDIT POLYMERE PEIGNE**
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[73] NOVACHIPS CANADA INC., CA
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[54] **DISPOSITIF ET METHODE DE TRANSMISSION DE MESSAGES DANS UN EQUIPEMENT UTILISATEUR DE SYSTEME DE TELECOMMUNICATIONS MOBILES**
[72] FARNSWORTH, ANDREW, GB
[72] YOUNG, GORDON, GB
[73] BLACKBERRY LIMITED, CA
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[54] **AGENT PERMETTANT DE REDUIRE LA TENEUR EN CALORIES UTILISABLE D'ALIMENTS ET DESTINE A LA REDUCTION THERAPEUTIQUE DU POIDS, A UTILISER NOTAMMENTDANS LE CAS D'ADIPOSITE (OBESITE)**
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[54] **SEL DE SODIUM DE DISACCHARIDE ET SES METHODES DE PRODUCTION ET D'UTILISATION**
[72] SAKURAI, SHIN, JP
[72] FURUKAWA, KEN, JP
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[54] **UTILISATION DE LIQUIDES IONIQUES POUR L'EXTRACTION DE PROTEINE MEMBRANAIRE**
[72] VON HAGEN, JOERG, DE
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[54] **COUTURE HYBRIDE POUR COURROIE DE CONVOYEUR DE MOISSONNEUSE**
[72] COERS, BRUCE A., US
[72] GRYWACHESKI, SHELDON J., US
[72] LOVETT, BENJAMIN M., US
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[54] **PROCEDE, SYSTEME ET APPAREIL POUR FOURNIR UNE IDENTIFICATION DE NOM D'APPEL**
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[54] **SYSTEME ELECTRONIQUE, PROCEDES ET APPAREIL D'ENSEIGNEMENT ET D'EXAMEN DANS LE DOMAINE MUSICAL**
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[54] **PROCEDE DE SURVEILLANCE D'EVENEMENTS MICROSISMIQUES**
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **CELLULES TIREES DE MUSCLES POUR LE TRAITEMENT DE PATHOLOGIES GASTRO-OESOPHAGIENNES, ET LEURS METHODES D'UTILISATION**
[72] CHANCELLOR, MICHAEL B., US
[72] PASTRICHA, JAY, US
[72] JANKOWSKI, RON, US
[72] PRUCHNIC, RYAN, US
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[73] ANALOGIC CORPORATION, US
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[54] **ACTIVATEUR DE CARBURANT UTILISANT DE MULTIPLES LONGUEURS D'ONDE DE RAYONNEMENT INFRAROUGE**
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[54] **SYSTEME ET PROCEDE PERMETTANT DE COMBINER DES MODES TIRER ("PULL") ET DES MODES POUSSER ("PUSH")**
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[73] PRIMUS POWER CORPORATION, US
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[54] **COMMUNICATIONS SYSTEM AND PROTOCOL FOR MEDICAL ENVIRONMENT**
[54] **SYSTEME ET PROTOCOLE DE COMMUNICATION POUR L'ENVIRONNEMENT MEDICAL**
[72] PERKINS, MICHAEL C., US
[72] GARCIA, REUBEN P., US
[72] GALLAGHER, LAWRENCE W., US
[72] PARRISH, DAVID C., US
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[54] **METHODS AND COMPOSITIONS FOR THE DELIVERY OF A THERAPEUTIC AGENT**
[54] **PROCEDES ET COMPOSITIONS POUR L'ADMINISTRATION D'UN AGENT THERAPEUTIQUE**
[72] GIZURARSON, SVEINBJORN, IS
[72] ARP, JAMES, US
[72] GHADERI, RAOUF, US
[72] LUSTY, MICHAEL E., US
[72] PLUCINSKI, GREGORY G., US
[72] YAZDI, MEHDI, US
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[54] **CONTAINER AND METHOD FOR SUPPORTING HOME TESTING AND DIAGNOSIS OF INFECTIOUS DISEASES**
[54] **CONTENEUR ET PROCEDE DESTINES A FACILITER LES TESTS ET LE DIAGNOSTIC A DOMICILE DE MALADIES INFECTIEUSES**
[72] FORMICA, P. MICHAEL, US
[72] ZUNDA, CHARLES, US
[72] DARRIGRAND, WILLIAM A., US
[72] JUDSON, JARED ALDEN, US
[72] KLEIN, DEVORAH EMILY, US
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[54] **PROCEDE DE PRODUCTION DE SURFACES TEXTILES PRATIQUEMENT INFROISSABLES**
[72] BIRCKBICHLER, JOHN W., US
[72] HUBIG, STEPHAN M., US
[73] ECOLAB INC., US
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[54] **SENSING VECTOR SELECTION IN A CARDIAC STIMULUS DEVICE WITH POSTURAL ASSESSMENT**
[54] **SELECTION DE VECTEUR DE DETECTION DANS UN DISPOSITIF DE STIMULATION CARDIAQUE AVEC EXAMEN POSTURAL**
[72] SANGHERA, RICK, US
[72] ALLAVATAM, VENUGOPAL, US
[73] CAMERON HEALTH, INC., US
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[54] **THREE-DIMENSIONAL AUTOMATED PICK MODULE**
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[72] BASTIAN, WILLIAM A., II, US
[72] SOBOTA, ELIZABETH, US
[73] BASTIAN SOLUTIONS, LLC, US
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[54] **IMPROVEMENTS IN ELECTRONIC UNIT INJECTORS**
[54] **AMELIORATIONS DANS DES INJECTEURS D'UNITES ELECTRONIQUES**
[72] JONES, JERRY A., US
[73] BUESCHER DEVELOPMENTS, LLC, US
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[25] EN
[54] **PROTECTIVE DEVICE FOR TIRE WALLS OF VEHICLE TIRES**
[54] **DISPOSITIF DE PROTECTION POUR FLANCS DE PNEUS DE VEHICULES**
[72] RIEGER, HANSJOERG, DE
[72] RIEGER, JOHANNES WERNER, DE
[72] BOGDAN, ZVONIMIR, DE
[73] ERLAU AG, DE
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[54] **DISPOSITIF DE POMPAGE COAXIAL A COLONNE HYDRAULIQUE INTERNE**
[72] FISHER, NORMAN A., CA
[72] MCNICHOL, RICHARD FREDERICK, CA
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[54] **ENHANCED DISTRIBUTION OF DIGITAL CONTENT**
[54] **DISTRIBUTION AMELIOREE DE CONTENU NUMERIQUE**
[72] KIDO, RYAN, US
[72] WOLF, DAVID, US
[72] TUMA, YOUSSEF, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **POLYMER FORMULATIONS FOR DELIVERY OF BIOACTIVE AGENTS**
[54] **FORMULATIONS POLYMERES UTILISABLES POUR LA DELIVRANCE D'AGENTS BIOACTIFS**
[72] DANILOFF, GEORGE, US
[72] GRAVETT, DAVID, US
[72] SPIRO, ROBERT C., US
[73] CARBYLAN THERAPEUTICS, INC., US
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[72] GILL, MICHAEL JOHN, GB
[73] GILL, MICHAEL JOHN, GB
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[54] **METHOD AND SYSTEM FOR COMPUTERIZED DRAWING AND WRITING DURING FUNCTIONAL MAGNETIC RESONANCE IMAGING**
[54] **METHODE ET SYSTEME DE DESSIN ET D'ECRITURE PAR ORDINATEUR POUR IMAGERIE FONCTIONNELLE PAR RESONANCE MAGNETIQUE**
[72] GRAHAM, SIMON JAMES, CA
[72] MRAZ,RICHARD, CA
[72] BAKER, NICOLE, CA
[72] CLARKSON, IAN, CA
[73] SUNNYBROOK HEALTH SCIENCES CENTRE, CA
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[54] **ELECTROPHORESE CAPILLAIRE UTILISANT DES TUBES CAPILLAIRES A REVETEMENT CLAIR**
[72] AMIRKHANIAN, VAROUJ, US
[73] QIAGEN SCIENCES, LLC, US
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[54] **DISPOSITIF D'EJECTION JETABLE D'UN PRODUIT LIQUIDE OU PATEUX**
[72] WEILL, DAVID, CH
[72] CHASSOT, PIERRE-YVES, FR
[73] PRIMEQUAL S.A., CH
[85] 2009-08-24
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[54] **UNITE FONCTIONNELLE ELECTRIQUE A COMMANDE SANS FIL POUR AERONEF**
[72] MUIRHEAD, ANDREW, DE
[73] LUFTHANSA TECHNIK AG, DE
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[54] **USE OF RIBOFLAVIN IN THE TREATMENT OF HYPERTENSION**
[54] **UTILISATION DE LA RIBOFLAVINE POUR LE TRAITEMENT DE L'HYPERTENSION**
[72] WARD, MARY, GB
[72] MCNULTY, HELENE, GB
[72] HORIGAN, GERALDINE, GB
[72] STRAIN, SEAN, GB
[72] SCOTT, JOHN, IE
[72] PURVIS, JOHN, GB
[73] UNIVERSITY OF ULSTER, GB
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[25] EN
[54] **USE IN A HYDRAULIC BINDER COMPOSITION OF A DRY-GROUND CALCIUM CARBONATE WITH A COPOLYMER OF (METH)ACRYLIC ACID AND AN ALKOXY OR HYDROXY POLYALKYLENEGLYCOL GROUP**
[54] **UTILISATION DANS UNE COMPOSITION DE LIANT HYDRAULIQUE, D'UN CARBONATE DE CALCIUM BROYE A SEC AVEC UN COPOLYMERE DE L'ACIDE (METH)ACRYLIQUE ET UNE FONCTION ALCOXY OU HYDROXY POLYALKYLENEGLYCOL**
[72] SUAU, JEAN-MARC, FR
[72] MONGOIN, JACQUES, FR
[72] KENSICHER, YVES, FR
[72] GUERRET, OLIVIER, FR
[73] COATEX S.A.S., FR
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[54] **PROFILE EN T POUR GRILLE A BANDE UNIQUE ET A AME UNIQUE**
[72] RAHEEL, MUHAMMAD M., US
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[73] USG INTERIORS, LLC, US
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[54] **NOUVELLE UTILISATION D'INHIBITEURS DE LA GLUTAMINYL CYCLASE**
[72] SCHILLING, STEPHAN, DE
[72] CYNIS, HOLGER, DE
[72] HOFFMANN, TORSTEN, DE
[72] DEMUTH, HANS-ULRICH, DE
[73] PROBIODRUG AG, DE
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[54] **DIGITAL BROADCASTING TRANSMITTER, TURBO STREAM PROCESSING METHOD THEREOF, AND DIGITAL BROADCASTING SYSTEM HAVING THE SAME**
[54] **EMETTEUR DE RADIODIFFUSION NUMERIQUE, PROCEDE DE TRAITEMENT DE FLUX TURBO ASSOCIE ET SYSTEME DE RADIODIFFUSION NUMERIQUE PRESENTANT LEDIT EMETTEUR**
[72] SONG, DONG-IL, KR
[72] JEONG, HAE-JOO, KR
[72] YU, JUNG-PIL, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **ANTAGONISTES SELECTIFS DE HUTNFR1**
[72] PFIZENMAIER, KLAUS, DE
[72] SCHEURICH, PETER, DE
[72] KONTERMANN, ROLAND, DE
[72] MUNKEL, SABINE, DE
[73] UNIVERSITAET STUTTGART, DE
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[54] **PROCEDE DE FABRICATION DE CRISTAUX PAR IRRADIATION ULTRASONORE D'UNE BOUCLE FERMEE**
[72] ROBINSON, JAMES, GB
[72] RUECROFT, GRAHAM, GB
[73] PROSONIX LIMITED, GB
[85] 2009-09-03
[86] 2008-03-18 (PCT/GB2008/050191)
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[54] **SILICONE-CONTAINING PREPOLYMERS WITH DANGLING HYDROPHILIC POLYMER CHAINS**
[54] **PREPOLYMERES CONTENANT DE LA SILICONE AVEC CHAINES POLYMERES HYDROPHILES PENDILLANTES**
[72] ZHOU, JIAN S., US
[72] CHANG, FRANK, US
[72] MEDINA, ARTURO NORBERTO, US
[72] SCOTT, ROBERT, US
[73] NOVARTIS AG, CH
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[54] **TAPIS ROULANT DOTE D'UNE COUCHE DE MOUSSE THERMOPLASTIQUE**
[72] ROHR, STEFAN, CH
[72] WRIGHT, MARSHALL, CH
[72] LUSCHER, HEINZ, CH
[72] OTTE, FRANK, DE
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[54] **SLOW ADAPTATION OF MODULATION AND CODING FOR PACKET TRANSMISSION**
[54] **ADAPTATION LENTE DE MODULATION ET DE CODAGE POUR UNE TRANSMISSION DE PAQUET**
[72] CAI, ZHIJUN, US
[72] WOMACK, JAMES E., US
[72] WU, WEI, US
[73] BLACKBERRY LIMITED, CA
[85] 2009-09-16
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[54] **PROTECTIVE STRUCTURE AND METHOD OF MAKING SAME**
[54] **STRUCTURE PROTECTRICE ET SON PROCEDE DE FABRICATION**
[72] FERRARA, VINCENT R., US
[73] XENITH, LLC, US
[85] 2009-09-21
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[54] **DETECTION D'ETATS DE COMMUNICATION**
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[72] RICE, LIZ, GB
[72] JOHN, STUART, GB
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[54] **SOLUTION D'ACCELERATEUR**
[72] KOERS, FREDERIK WILLEM KAREL, NL
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[72] VAN DE BOVENKAMP-BOUWMAN, ANNA GERDINE, NL
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[54] **RECEPTEUR ET ANTAGONISTES D'OPIOIDE PERIPHERIQUES ET UTILISATIONS DE CEUX-CI**
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[72] LOKHNAUTH, JOHN, US
[73] WYETH LLC, US
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[54] **A METHOD OF BAKING AND AN OVEN**
[54] **METHODE DE CUISSON ET FOUR**
[72] WILLETT, PAUL E., AU
[73] MOFFAT PTY LIMITED, AU
[86] (2682615)
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[54] **METHOD FOR MANUFACTURING ENCAPSULATED SUPERHARD MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU EXTRA DUR ENCAPSULE**
[72] GUSH, KEITH, IE
[72] MUNDAY, MARK GREGORY, IE
[72] SCHMOCK, PETER, IE
[72] KELLY, STEPHEN, IE
[73] ELEMENT SIX LIMITED, IE
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[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[54] **SYSTEME DE COMBUSTION DE COMBUSTIBLE**
[72] TARGOFF, JASON A., US
[73] TIAX, LLC, US
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[54] **USE OF COMPOUNDS HAVING A MONOGALACTOSYLDIACYLGLYCEROL SYNTHASE INHIBITORY ACTIVITY AS HERBICIDE OR ALGAECIDE, HERBICIDE AND ALGAECIDE COMPOSITIONS**
[54] **UTILISATION DE COMPOSES AYANT UNE ACTIVITE INHIBITRICE DE LA MONOGALACTOSYLDIACYLGLYCEROL SYNTHASE EN TANT QU'HERBICIDE OU ALGICIDE, COMPOSITIONS HERBICIDES ET ALGICIDES**
[72] BONNEAU, ANNE-LAURE, FR
[72] BOTTE, CYRILLE, FR
[72] DELIGNY, MICHAEL, FR
[72] SAIDANI, NADIA, FR
[72] HARDRE, HELENE, FR
[72] ROUSSEAU, BERNARD, FR
[72] LOPEZ, ROMAN, FR
[72] MARECHAL, ERIC, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **PRODUCTION OF SYNTHESIS GAS THROUGH CONTROLLED OXIDATION OF BIOMASS**
[54] **PRODUCTION DE GAZ DE SYNTHESE AU MOYEN DE L'OXYDATION REGULEE DE LA BIOMASSE**
[72] CHORNET, ESTEBAN, CA
[72] VALSECCHI, BORIS, CA
[72] RHEAULT, SEBASTIEN, CA
[72] GAGNON, MARTIN, CA
[73] ENERKEM, INC., CA
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[25] EN
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[54] **TURBINE D'ENTRAINEMENT DE LA GENERATRICE D'UN TRAIN DE TIGES**
[72] WINNACKER, HELMUT, DE
[73] WEATHERFORD ENERGY SERVICES GMBH, DE
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[87] (2688928)
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[54] **SURGICAL CAST VENTING DEVICE AND MATERIAL**
[54] **DISPOSITIF ET MATERIEL D'AERATION DE PLATRE CHIRURGICAL**
[72] BARBERIO, ALESSANDRO, CA
[73] BARBERIO, ALESSANDRO, CA
[85] 2010-01-08
[86] 2008-01-09 (PCT/CA2008/000029)
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[54] **METHODS FOR ASSESSING MOUTHFEEL ATTRIBUTES OF FOODS USING A TRIBOLOGY DEVICE**
[54] **PROCEDES D'ESTIMATION D'ATTRIBUTS DE SAVEUR D'ALIMENTS A L'AIDE D'UN DISPOSITIF DE TRIBOLOGIE**
[72] DEBON, STEPHANE JULES JEROME, BE
[72] GUTHRIE, BRIAN, US
[72] LINDGREN, TIM, US
[72] VANHEMELRIJCK, JOZEF GUIDO ROSA, BE
[72] BAIER, STEFAN K., US
[73] CARGILL, INCORPORATED, US
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[25] EN
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[54] **DETONATEUR POUR OUTILS DE PUITS DE FORAGE DISTRIBUANT DU MATERIEL**
[72] LESIUK, ROBERT MICHAEL FREDERICK, CA
[72] HANSEN, GARRET WILLIAM, CA
[72] GARTZ, JEFFREY DAVID, CA
[73] OWEN OIL TOOLS LP, US
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[54] **EDIBLE PRODUCTS HAVING A HIGH COCOA POLYPHENOL CONTENT AND IMPROVED FLAVOR AND THE MILLED COCOA EXTRACTS USED THEREIN**
[54] **PRODUITS COMESTIBLES AYANT UN CONTENU ELEVE EN POLYPHENOL DE CACAO ET UN AROME AMELIORE ET LES EXTRAITS DE CACAO MOULU UTILISES DEDANS**
[72] ANDERSON, BRENT A., US
[72] KAISER, JOHN M., US
[72] COOPER, ILENE K., US
[72] HAUSMAN, DAVID J., US
[72] GLAZIER, BARRY D., US
[72] KRAMER, JACQUELINE B., US
[72] KNAPP, TRACEY L., US
[73] MARS, INCORPORATED, US
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[54] **FSH PRODUCING CELL CLONE**
[54] **CLONE DE CELLULES DE PRODUCTION DE L'HORMONE DE STIMULATION FOLLICULAIRE (FSH)**
[72] ARNOLD, STEFAN, DE
[72] JELINEK, NANNI, DE
[73] RATIOPHARM GMBH, DE
[85] 2009-12-15
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[54] **MEMOIRE DE GUIDE AUTOMATIQUE DE VEHICULE**
[72] REED, KEITH, US
[72] GOMES, MICHAEL JOHN, US
[73] TSD INTEGRATED CONTROLS, LLC, US
[85] 2009-12-15
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[54] **PLASMID-ENCODED NEUROTOXIN GENES IN CLOSTRIDIUM BOTULINUM SEROTYPE A SUBTYPES**
[54] **GENES DE NEUROTOXINE CODES PAR UN PLASMIDE DANS UN SEROTYPE DE CLOSTRIDIUM BOTULINUM SOUS-TYPES A**
[72] JOHNSON, ERIC A., US
[72] MARSHALL, KRISTIN, US
[72] PELLETT, SABINE, US
[72] BRADSHAW, MARITE, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **SOLVENT INJECTION RECOVERY PROCESS**
[54] **PROCEDE D'EXTRACTION PAR INJECTION DE SOLVANTS**
[72] LAGISQUET, AURELIE, NO
[72] ALVESTAD, JOSTEIN, NO
[72] GILJE, EIMUND, NO
[73] STATOIL ASA, NO
[86] (2691889)
[87] (2691889)
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[51] **Int.Cl. G01N 27/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR EXAMINING ION-CONDUCTIVE ELECTROLYTE MEMBRANE**
[54] **PROCEDE ET DISPOSITIF D'EXAMEN D'UNE MEMBRANE ELECTROLYTIQUE CONDUCTRICE D'IONS**
[72] UCHIYAMA, NAOKI, JP
[73] KABUSHIKI KAISHA ATSUMITEC, JP
[85] 2009-12-30
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[54] **AEROPLANE WITH IMPROVED ACOUSTIC COMFORT**
[54] **AVION A CONFORT ACOUSTIQUE AMELIORE**
[72] PETITJEAN, BENOIT, FR
[73] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, FR
[85] 2010-01-05
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[54] **SOLUTIONS DE CONDITIONNEMENT DE LENTILLES DE CONTACT**
[72] MINICK, KASEY JON, US
[72] CARNEY, FIONA PATRICIA, US
[72] SENTELL, KAREN BELINDA, US
[72] MINNO, GEORGE EDWARD, US
[73] NOVARTIS AG, CH
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[54] **METHOD AND APPARATUS FOR COOLING A HYDROCARBON STREAM**
[54] **PROCEDE ET APPAREIL POUR REFROIDIR UN COURANT D'HYDROCARBURES**
[72] CHANTANT, FRANCOIS, NL
[72] VAN DIJK, FREDERICK JAN, NL
[72] JAGER, MARCO DICK, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2010-01-11
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[54] **SYSTEM AND METHOD FOR CAPTURING USER INPUTS IN ELECTRONIC FORMS**
[54] **SYSTEME ET METHODE PERMETTANT LA SAISIE D'ENTREES D'UTILISATEUR DANS DES FORMULAIRES ELECTRONIQUES**
[72] CHAN, ERIC, CA
[73] BLACKBERRY LIMITED, CA
[86] (2693710)
[87] (2693710)
[22] 2010-02-19
[30] EP (09153764.7) 2009-02-26

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[25] EN
[54] **MOLDED FILTER END CAP AND METHOD OF MANUFACTURE**
[54] **EMBOUT DE FILTRE MOULE ET PROCEDE DE FABRICATION**
[72] SAVAGE, JEFFREY, GB
[72] MERRITT, STEVEN J., US
[73] BALDWIN FILTERS, INC., US
[85] 2010-01-07
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[25] EN
[54] **SYSTEM AND METHOD FOR ESTIMATING FORMATION CHARACTERISTICS IN A WELL**
[54] **SYSTEME ET PROCEDE D'ESTIMATION DE CARACTERISTIQUES DE FORMATION DE PUITS**
[72] MINH, CHANH CAO, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-01-21
[86] 2008-07-24 (PCT/US2008/070959)
[87] (WO2009/015252)
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[25] EN
[54] **COMPOSITE ELONGATE MEDICAL DEVICE INCLUDING DISTAL TUBULAR MEMBER**
[54] **DISPOSITIF MEDICAL ALLONGE COMPOSITE COMPRENANT UN ELEMENT TUBULAIRE DISTAL**
[72] PARINS, DAVID J., US
[73] BOSTON SCIENTIFIC LIMITED, US
[85] 2010-02-01
[86] 2008-07-31 (PCT/US2008/071787)
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[54] **PATIENT SCREENING TOOLS FOR IMPLANTABLE CARDIAC STIMULUS SYSTEMS**
[54] **OUTILS DE CRIBLAGE DE PATIENT POUR DES SYSTEMES DE STIMULUS CARDIAQUE IMPLANTABLES**
[72] SANGHERA, RICK, US
[72] MARCOVECCHIO, ALAN F., US
[72] KEEFE, JAMES M., US
[73] CAMERON HEALTH, INC., US
[85] 2010-02-02
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[30] US (60/957,456) 2007-08-23
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[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, BASE STATION APPARATUS AND MOBILE STATION APPARATUS**
[54] **SYSTEME DE COMMUNICATION SANS FIL, APPAREIL DE STATION DE BASE ET APPAREIL DE STATION MOBILE**
[72] AKIMOTO, YOSUKE, JP
[72] AIBA, TATSUSHI, JP
[72] YAMADA, SHOHEI, JP
[72] KATSURAGAWA, HIROSHI, JP
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2010-02-03
[86] 2008-09-24 (PCT/JP2008/067161)
[87] (WO2009/041419)
[30] JP (2007-249977) 2007-09-26

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[25] EN
[54] **DEHYDRATION PROCESSES USING MEMBRANES WITH HYDROPHOBIC COATING**
[54] **PROCEDES DE DESHYDRATATION FAISANT APPEL A DES MEMBRANES DOTEES D'UN REVETEMENT HYDROPHOBE**
[72] HUANG, YU, US
[72] BAKER, RICHARD W., US
[72] ALDAJANI, TIEM, US
[72] LY, JENNIFER, US
[73] MEMBRANE TECHNOLOGY AND RESEARCH, INC., US
[85] 2010-02-03
[86] 2008-08-28 (PCT/US2008/074651)
[87] (WO2009/029719)
[30] US (11/897,675) 2007-08-30

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[51] **Int.Cl. A61K 38/00 (2006.01) A61P 9/12 (2006.01)**
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[54] **AGENT ANTIHYPERTENSEUR**
[72] KAGAWA, KYOICHI, JP
[72] FUKUHAMA, CHIZUKO, JP
[72] FUJINO, HIROAKI, JP
[72] HIDASA, JUNNEI, JP
[73] MG PHARMA INC., JP
[85] 2010-02-05
[86] 2008-08-07 (PCT/JP2008/064247)
[87] (WO2009/020189)
[30] JP (2007-204929) 2007-08-07

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[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFORMER DISSOLVED GAS HARMONIC REGRESSION ANALYSIS**
[54] **PROCEDE ET SYSTEME S'APPLIQUANT A UNE ANALYSE DE TYPE REGRESSION HARMONIQUE DE GAZ DISSOUS DANS UN TRANSFORMATEUR**
[72] LAMONTAGNE, DONALD R., US
[73] ARIZONA PUBLIC SERVICE COMPANY, US
[85] 2010-02-04
[86] 2008-08-01 (PCT/US2008/071984)
[87] (WO2009/029392)
[30] US (11/834,500) 2007-08-06

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[13] C
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[25] EN
[54] **COMBINED SENSOR AND INFUSION SET USING SEPARATED SITES**
[54] **ENSEMBLE DE CAPTEUR ET DE PERFUSION COMBINE UTILISANT DES SITES SEPARES**
[72] LEMOS, RICHARD, US
[72] STEIL, GARRY M., US
[72] VAN ANTWERP, NANNETTE M., US
[72] VOSKANYAN, GAYANE, US
[72] PHOU, LY, US
[72] ENEGREN, BRADLEY J., US
[72] SHAH, RAJIV, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2010-02-08
[86] 2008-08-25 (PCT/US2008/074187)
[87] (WO2009/032588)
[30] US (11/897,106) 2007-08-29

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[13] C
[51] **Int.Cl. G01N 27/416 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REMEDYING SENSOR MALFUNCTIONS DETECTED BY ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY**
[54] **PROCEDE ET SYSTEME POUR REMEDIER A DES DYSFONCTIONNEMENTS DE CAPTEUR DETECTES PAR SPECTROSCOPIE D'IMPEDANCE ELECTROCHIMIQUE**
[72] WANG, LU, US
[72] SHAH, RAJIV, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2010-02-11
[86] 2008-08-18 (PCT/US2008/073493)
[87] (WO2009/026236)
[30] US (11/842,825) 2007-08-21

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[13] C
[51] **Int.Cl. A61K 9/24 (2006.01)**
[25] EN
[54] **ABUSE RESISTANT DRUGS, METHOD OF USE AND METHOD OF MAKING**
[54] **MEDICAMENTS RESISTANT AUX ABUS, PROCEDES D'UTILISATION ET DE FABRICATION**
[72] DIFALCO, RAY J., US
[72] SHAH, MANISH S., US
[73] ABUSE DETERRENT PHARMACEUTICAL LLC, US
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[54] **COPOLYMERES CATIONIQUES FORMULES AVEC DES COMPOSITIONS COSMETIQUES PIGMENTEES PRESENTANT UNE LUMINANCE A EFFET DE FLOU**
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[72] BARTOLONE, JOHN BRIAN, US
[73] UNILEVER PLC, GB
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[54] **ENSEMBLE DE MONTURE HYDRAULIQUE AMORTI AXIALEMENT**
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[54] **POLYMERES BROMES ADDITIFS RETARDATEURS DE FLAMME, ET SYSTEME DE POLYMERES LES CONTENANT**
[72] KING, BRUCE A., US
[72] WORKU, ANTENEH, US
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[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **A PROCESS AND A DEVICE TO CLEAN SUBSTRATES**
[54] **PROCEDE ET DISPOSITIF POUR NETTOYER DES SUBSTRATS**
[72] JAYARAMAN, SURESH SAMBAMURTHY, IN
[72] KAMKAR, KIRTAN SHRAVAN, IN
[72] KUMAR, LALIT, IN
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[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LA POSITION D'UN OUTIL S'ENGAGEANT DANS LE SOL D'APRES LA PRESSION D'UN FLUIDE**
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[72] YUEN, CORY ADRIAN, CA
[72] RAPLEY, ANTHONY CHARLES, CA
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[54] **AGENT D'AMELIORATION DE LA QUALITE DU GAZON COMPRENANT DE L'ACIDE 5-AMINOLEVULINIQUE OU UN DERIVE DE CELUI-CI ET UN INHIBITEUR DE LA BIOSYNTHESE DE LA GIBBERELLINE**
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[73] TCO AS, NO
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[54] **SYSTEME DE CONTROLE DE TUBAGE DE PUITS**
[72] PEARCE, JEREMIAH GLEN, US
[72] RAMBOW, FREDERICK HENRY KREISLER, US
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[73] UNILEVER PLC, GB
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[72] ZHANG, YUYING, US
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[72] CHOU, YAT-CHEN, US
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[54] **PREPARATION D'ALPHA AMINOCETALS OPTIQUEMENT ACTIFS**
[72] ALBALAT, MURIEL, FR
[72] PRIMAZOT, GERALDINE, FR
[72] WILHELM, DIDIER, FR
[72] VALLEJOS, JEAN-CLAUDE, FR
[73] WEYLCHEM LAMOTTE, FR
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[54] **ECHELLES, COMPOSANTS D'ECHELLE ET PROCEDES CONNEXES**
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[72] CRAWFORD, RYAN, US
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[54] **SYSTEME ET PROCEDE DESTINES A LA SURVEILLANCE D'INDIVIDUS GRACE A UNE BALISE ET A UN DISPOSITIF DE LOCALISATION A DISTANCE INTELLIGENT**
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[54] **LIGANDS STEROIDES ET LEUR UTILISATION DANS LA MODULATION DE LA COMMUTATION GENIQUE**
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[72] LAPENNA, SILVIA, IT
[72] DINAN, LAURENCE NEIL, FR
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[54] **PROCEDES POUR AUGMENTER L'ABSORPTION DE PEPTIDES, DE PEPTIDOMIMETIQUES ET D'AUTRES SUBSTRATS DE PROTEINE DE TRANSPORT GASTRO-INTESTINALE**
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[73] NESTEC S.A., CH
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[72] SUTHERLAND, DAVID P., US
[72] HARTMAN, GLENN, US
[72] BENZIE, MARK, US
[72] DANNHARDT, WALT, US
[72] GALLIHER, KEVIN, US
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[73] GORDON MURRAY DESIGN LIMITED, GB
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[54] **DISPOSITIF POUR PRODUIRE DES MATIERES PREMIERES, DES COMBUSTIBLES ET DES CARBURANTS A PARTIR DE SUBSTANCES ORGANIQUES**
[72] BERGER, UWE, DE
[72] WILLNER, THOMAS, DE
[72] VANSELOW, WALTER, DE
[73] TECHNISCHE WERKE LUDWIGSHAFEN AG, DE
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[54] **COMPOSE RADICALAIRE DE NITROXYDE CYCLIQUE POLYMERISE ET UTILISATION ASSOCIEE**
[72] NAGASAKI, YUKIO, JP
[72] YOSHITOMI, TORU, JP
[72] MATSUI, HIROFUMI, JP
[72] HIRAYAMA, AKI, JP
[72] MAMIYA, TAKASHI, JP
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[54] **SYNTHESE INEDITE D'INHIBITEURS A BASE DE GALACTOSIDE**
[72] NILSSON, ULF, SE
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[54] **METHOD FOR ADDRESS SPACE LAYOUT RANDOMIZATION IN EXECUTE-IN-PLACE CODE**
[54] **METHODE DE CONFIGURATION ALEATOIRE DE L'ESPACE D'ADRESSE DANS UN CODE DIRECTEMENT EXECUTABLE DANS LA MEMOIRE FLASH**
[72] WHITEHOUSE, OLIVER, GB
[72] WINSTON, BENJAMIN, GB
[72] MCCALLUM, MICHAEL E., CA
[73] BLACKBERRY LIMITED, CA
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[54] **HEMIFUMARATE D'UN DERIVE DE PYRAZOLE**
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[73] KISSEI PHARMACEUTICAL CO., LTD., JP
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[54] **PROCEDE D'INJECTION DE DIOXYDE DE CARBONE**
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[72] MASON, ANDREW RUSSELL, GB
[73] BP EXPLORATION OPERATING COMPANY LIMITED, GB
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[54] **ENSEMBLE BOUGIE D'ALLUMAGE**
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[73] LOCUST USA, INC., US
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[54] **DISPOSITIF ET PROCEDE DE COUPLAGE MAGNETIQUE**
[72] DAVIS, MITCHELL G., US
[73] HANA CONSULTING INC., US
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[54] **SYSTEME DE DECONTAMINATION DE L'EAU ET DE GENERATION DE VAPEUR D'EAU**
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[73] VERNO HOLDINGS, LLC, US
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[54] **MELANGES DE COPOLYMERES BLOCS STYRENE-BUTADIENE POUR FILMS RETRACTABLES**
[72] MUELLER, MATTHIAS, DE
[72] KNOLL, KONRAD, DE
[72] MEHLER, CHRISTOF, DE
[72] STEININGER, HELMUT, DE
[72] GUENTHERBERG NORBERT, DE
[72] WAGNER, DANIEL, DE
[72] SCHUSTER, MICHAEL, DE
[72] VERLINDEN, GEERT, BE
[72] GREGER, FLORIAN, DE
[73] STYROLUTION EUROPE GMBH, DE
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[54] **RAMPED STIFFENER AND APPARATUS AND METHOD FOR FORMING THE SAME**
[54] **RAIDISSEUR INCLINE ET APPAREIL ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] WINTER, DARREN JOHN, GB
[72] YATES, MARTIN HAMPDEN, GB
[73] AIRBUS OPERATIONS LIMITED, GB
[85] 2010-12-07
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[54] **COMMANDE DE DIAGNOSTIC**
[72] TRSAR, DALE A., US
[72] KREFT, KEITH A., US
[72] CANCILLA, JAMES J., US
[72] LEWIS, BRADLEY R., US
[73] SNAP-ON INCORPORATED, US
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[54] **PROCESS FOR THE MANUFACTURE OF AN INTERMEDIATE PRODUCT OF DABIGATRAN ETEXILATE**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT INTERMEDIAIRE DE DABIGATRAN ETEXILATE**
[72] FILSER, CHRISTIAN, DE
[72] DERSCH, WOLFGANG, DE
[72] HAMM, RAINER, DE
[72] HAUSHERR, ARNDT, DE
[72] KOCH, GUNTER, DE
[72] SCHOLZ, ULRICH, DE
[72] ZERBAN, GEORG, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2010-12-14
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[25] EN
[54] **ROTARY CAN OPENER**
[54] **OUVRE-BOITE ROTATIF**
[72] MAH, PAT Y., HK
[72] KALOGROULIS, ALEXANDER JOSHEF, GB
[72] TUNG, KWONG KEUNG, HK
[72] NG, MICHAEL, AU
[73] DAKA RESEARCH INC., VG
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[87] (2729079)
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[25] EN
[54] **PHARMACEUTICAL DOSAGE FORM COMPRISING POLYMERIC CARRIER COMPOSITION**
[54] **FORME PHARMACEUTIQUE COMPRENANT UNE COMPOSITION DE VECTEUR POLYMERE**
[72] LIEPOLD, BERND, DE
[72] BREITENBACH, JOERG, DE
[72] MAEGERLEIN, MARKUS, DE
[72] PACKHAEUSER, CLAUDIA, DE
[72] KESSLER, THOMAS, DE
[73] ABBVIE DEUTSCHLAND GMBH & CO KG, DE
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[25] EN
[54] **PRESSURE SENSOR DEVICE**
[54] **DISPOSITIF DE CAPTEUR DE PRESSION**
[72] ZORZETTO, MAURO, IT
[72] MARTINENGO, GIORGIO, IT
[73] ELTEK S.P.A., IT
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[25] FR
[54] **METHOD OF REPAIRING OR REWORKING A TURBOMACHINE DISK AND REPAIRED OR REWORKED TURBOMACHINE DISK**
[54] **PROCEDE DE REPARATION OU DE REPRISE D'UN DISQUE DE TURBOMACHINE ET DISQUE DE TURBOMACHINE REPARE OU REPRIS**
[72] GIGNOUX, HERVE, FR
[72] GVOZDENOVIC, ERIC, FR
[72] LORO, GAEL, FR
[72] BASSOT, ALAIN JACQUES MICHEL, FR
[73] SNECMA, FR
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[25] EN
[54] **MIXTURE OBTAINED BY REACTING POLYOL AND ANHYDRIDE AND ITS USE IN POLYISOCYANATES FOR MAKING POLYISOCYANURATES**
[54] **MELANGE OBTENU PAR REACTION D'UN POLYOL ET D'UN ANHYDRIDE ET SON UTILISATION DANS DES POLYISOCYANATES POUR FABRIQUER DES POLYISOCYANURATES**
[72] BLEYS, GERHARD JOZEF, BE
[72] DERLUYN, JOHAN ROBERT, BE
[72] DEVOS, JULIEN, BE
[72] HUYGENS, ERIC, BE
[72] VERBEKE, HANS, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2011-01-27
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[54] **PLANT GROWING ASSEMBLY**
[54] **ENSEMBLE POUR CROISSANCE VEGETALE**
[72] KERTZ, MALCOLM GLEN, US
[73] URBAN PRODUCE, LLC, US
[85] 2011-01-28
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[25] EN
[54] **SELF CLEANING NOZZLE HEADER SYSTEM**
[54] **SYSTEME DE COLLECTEUR A BUSES D'AUTO-NETTOYAGE**
[72] WANTHAL, PAUL DAVID, US
[73] SPRAYING SYSTEMS CO., US
[85] 2011-02-10
[86] 2009-08-14 (PCT/US2009/053902)
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[25] EN
[54] **TORQUE ROD**
[54] **BIELLE DE TORSION**
[72] NATARAJ, SACHIN, US
[72] KHANDUJA, THANWANT, US
[72] KHANDUJA, CHIRANJEEV, US
[73] AUTOMANN INC., US
[86] (2734215)
[87] (2734215)
[22] 2011-03-16
[30] US (61/314,396) 2010-03-16

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[51] **Int.Cl. A42B 3/30 (2006.01) G07C 1/22 (2006.01) G08B 5/38 (2006.01)**
[25] EN
[54] **SPORTS HELMET NOTIFICATION SYSTEM**
[54] **SYSTEME DE NOTIFICATION DE CHOCS POUR CASQUE DE SPORTS**
[72] NEWLOVE, ROD J., CA
[73] SAFEBRAIN SYSTEMS, INC., CA
[86] (2734479)
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[25] EN
[54] **METHOD AND SYSTEM FOR ADVANCEMENT OF A BOREHOLE USING A HIGH POWER LASER**
[54] **PROCEDE ET SYSTEME DEV PROGRESSION D'UN TROU DE FORAGE AU MOYEN D'UN LASER DE FORTE PUISSANCE**
[72] MOXLEY, JOEL, F., US
[72] LAND, MARK S., US
[72] RINZLER, CHARLES C., US
[72] FAIRCLOTH, BRIAN O., US
[72] KOBLICK, YESHAYA, US
[72] ZEDIKER, MARK S., US
[73] FORO ENERGY INC., US
[85] 2011-02-16
[86] 2009-08-19 (PCT/US2009/054295)
[87] (WO2010/096086)
[30] US (61/090,384) 2008-08-20
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[30] US (61/106,472) 2008-10-17
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[25] FR
[54] **CONNECTION DEVICE BETWEEN AN ELECTRICAL CABLE AND A CONDUCTING STRUCTURE, ESPECIALLY FOR A CURRENT RETURN CIRCUIT**
[54] **DISPOSITIF DE CONNEXION ENTRE UN CABLE ELECTRIQUE ET UNE STRUCTURE CONDUCTRICE, NOTAMMENT POUR CIRCUIT DE RETOUR DE COURANT**
[72] BIESSE, JEAN-LUC, FR
[72] LAURENT, DIDIER, FR
[72] ROQUES, SERGE, FR
[73] LABINAL, FR
[85] 2011-02-17
[86] 2009-08-19 (PCT/FR2009/051602)
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[54] **WOUND CARE DEVICE**
[54] **DISPOSITIF DE SOINS DES PLAIES**
[72] HARDY, CRAIG JULIAN, GB
[72] DARBY, STEWART ANDREW, GB
[73] MEDTRADE PRODUCTS LIMITED, GB
[85] 2011-03-16
[86] 2009-09-14 (PCT/GB2009/002184)
[87] (WO2010/031995)
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[25] EN
[54] **EFFICIENT UPLINK REPORTING IN CARRIER AGGREGATION SYSTEMS**
[54] **COMMUNICATION DE LIEN ASCENDANT EFFICACE POUR LES SYSTEMES D'AGREGATION DE PORTEUR**
[72] KISHIYAMA, YOSHIHISA, JP
[72] TANNO, MOTOHIRO, JP
[72] SAWAHASHI, MAMORU, JP
[73] NTT DOCOMO, INC., JP
[85] 2011-03-18
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[30] JP (2008-242848) 2008-09-22

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[51] **Int.Cl. C07D 401/04 (2006.01)**
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[54] **METHOD FOR PREPARING A NON-HYDRATABLE CRYSTAL FORM**
[54] **PROCEDE DE PREPARATION D'UNE FORME CRISTALLINE NON HYDRATABLE**
[72] OBERHOLZER, MATHEW RICHARD, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2011-03-21
[86] 2009-11-11 (PCT/US2009/063991)
[87] (WO2010/056720)
[30] US (61/114,629) 2008-11-14

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[51] **Int.Cl. E21B 43/08 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **WEAR-RESISTANT SEPARATING DEVICE FOR REMOVING SAND AND ROCK PARTICLES**
[54] **DISPOSITIF DE SEPARATION RESISTANT A L'USURE POUR EXTRAIRE LE SABLE ET LES PARTICULES DE ROCHE**
[72] WILDHACK, STEFANIE, DE
[72] KAYSER, ARMIN, DE
[72] JOLY, SAMUEL, DE
[72] MUESSIG, SIEGFRIED, DE
[72] WAHRMANN, KLAUS, DE
[72] POEHLING, FABIAN, DE
[73] MAERSK OLIE OG GAS AS, DK
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2011-04-28
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[51] **Int.Cl. H04W 64/00 (2009.01) H04W 4/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING LOCATION INFORMATION ON MOBILE DEVICES**
[54] **SYSTEME ET PROCEDE POUR LA FOURNITURE DE DONNEES DE REPERAGE DE LA POSITION DE DISPOSITIFS MOBILES**
[72] HUNG, MICHAEL HIN KAI, CA
[72] KLINE, ROBERT, CA
[73] BLACKBERRY LIMITED, CA
[86] (2738600)
[87] (2738600)
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[51] **Int.Cl. F15B 1/08 (2006.01) F15B 1/24 (2006.01)**
[25] EN
[54] **HYDROPNEUMATIC ACCUMULATOR WITH A COMPRESSIBLE REGENERATOR**
[54] **ACCUMULATEUR HYDROPNEUMATIQUE A REGENERATEUR COMPRESSIBLE**
[72] STROGANOV, ALEXANDER ANATOLYEVICH, RU
[72] SHESHIN, LEONID OLEGOVICH, RU
[73] STROGANOV, ALEXANDER ANATOLYEVICH, RU
[73] SHESHIN, LEONID OLEGOVICH, RU
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[86] 2008-12-11 (PCT/RU2008/000770)
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[51] **Int.Cl. G01N 27/90 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING DEFECT OF TURBINE ROTOR BLADE AND METHOD FOR DETECTING DEFECT OF TURBINE ROTOR BLADE**
[54] **DISPOSITIF PERMETTANT DE DETECTER LE DEFAUT D'UNE LAME DE ROTOR DE TURBINE ET PROCEDE PERMETTANT DE DETECTER LE DEFAUT D'UNE LAME DE ROTOR DE TURBINE**
[72] HIRANO, ATSUYA, JP
[72] NISHIMIZU, AKIRA, JP
[72] KUDO, TAKESHI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
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[25] FR
[54] **DIFFUSER HAVING BLADES WITH APERTURES**
[54] **DIFFUSEUR MUNI D'AUBES A ORIFICES**
[72] PORODO, JEROME, FR
[72] TARNOWSKI, LAURENT, FR
[72] VIGNAU, HUBERT, FR
[73] TURBOMECA, FR
[85] 2011-04-07
[86] 2009-10-15 (PCT/FR2009/051966)
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[30] FR (0857053) 2008-10-17

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[54] **WIRELESS OPERATING ROOM COMMUNICATION SYSTEM INCLUDING VIDEO OUTPUT DEVICE AND VIDEO DISPLAY**
[54] **SYSTEME DE COMMUNICATION SANS FIL POUR SALLE D'OPERATION COMPORTANT UN DISPOSITIF DE SORTIE VIDEO ET UN AFFICHAGE VIDEO**
[72] NAMBAKAM, VASUDEV, US
[72] SHEN, JOHN, US
[72] TALBERT, JOSHUA, US
[72] MAHADIK, AMIT, US
[73] STRYKER CORPORATION, US
[85] 2011-04-27
[86] 2009-10-30 (PCT/US2009/005934)
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[30] US (61/199,921) 2008-11-21

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[51] **Int.Cl. H04N 7/15 (2006.01) H04N 7/12 (2006.01)**
[25] EN
[54] **VIDEO CONFERENCE RATE MATCHING**
[54] **MISE EN CORRESPONDANCE DE DEBIT DE VISIOCONFERENCE**
[72] LEE, MING-CHIEH, US
[72] HAN, MU, US
[72] MOORE, TIM, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-04-28
[86] 2009-11-09 (PCT/US2009/063739)
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[25] EN
[54] **METHOD OF OPERATING AN OZONE GENERATING APPARATUS**
[54] **METHODE D'UTILISATION D'UN OZONISEUR**
[72] HANSSON, MIKAEL, SE
[73] PRIMOZONE PRODUCTION AB, SE
[86] (2742161)
[87] (2742161)
[22] 2007-12-17
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[25] EN
[54] **DETECTING ANTIGEN RESPONSIVE CELLS IN A SAMPLE**
[54] **DETECTION DE CELLULES SENSIBLES A UN ANTIGENE DANS UN ECHANTILLON**
[72] HADRUP, SINE REKER, DK
[72] BAKKER, ARNOLD HENDRIK, NL
[72] SHU, CHENG YI JENNY, NL
[72] SCHUMACHER, ANTONIUS NICOLAAS MARIA, NL
[73] STICHTING HET NEDERLANDS KANKER INSTITUUT, NL
[73] STICHTING SANQUIN BLOEDVOORZIENING, NL
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[54] **UN APPAREIL DESTINE A APPLIQUER UNE SUBSTANCE FLUIDE**
[72] SOGARO, ALBERTO C., DE
[73] SULZER MIXPAC AG, CH
[85] 2011-05-04
[86] 2009-09-07 (PCT/DE2009/001257)
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[30] DE (20 2008 015 189.9) 2008-11-17

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[51] **Int.Cl. A47C 19/04 (2006.01) A47D 7/02 (2006.01) A47D 7/03 (2006.01) A61G 7/012 (2006.01)**
[25] EN
[54] **AN INFANT BED**
[54] **LIT POUR NOURRISSON**
[72] CARTA, PAUL E., AU
[73] STARWOVE PTY LTD, AU
[85] 2011-05-10
[86] 2009-11-09 (PCT/AU2009/001450)
[87] (WO2010/054423)
[30] AU (2008905816) 2008-11-11
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[51] **Int.Cl. C30B 11/00 (2006.01) C30B 33/02 (2006.01) C30B 35/00 (2006.01)**
[25] FR
[54] **FOUR DE FUSION-SOLIDIFICATION COMPORTANT UNE MODULATION DES ECHANGES THERMIQUES PAR LES PAROIS LATERALES**
[54] **MELTING-SOLIDIFICATION FURNACE WITH VARIABLE HEAT EXCHANGE VIA THE SIDE WALLS**
[72] PELLETIER, DAVID, FR
[72] GARANDET, JEAN-PAUL, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2011-05-12
[86] 2009-12-04 (PCT/EP2009/066393)
[87] (WO2010/069784)
[30] FR (0807241) 2008-12-19

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[51] **Int.Cl. A61M 5/178 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **DEVICE FOR BOLUS ADMINISTRATION OF CONTRAST AGENT**
[54] **DISPOSITIF D'ADMINISTRATION D'UN BOLUS D'AGENT DE CONTRASTE**
[72] JAKOB, LAURENT, CH
[72] RIVAS, FREDERIC, CH
[73] BRACCO SUISSE SA, CH
[85] 2011-05-19
[86] 2009-12-15 (PCT/EP2009/067151)
[87] (WO2010/069943)
[30] EP (08171787.8) 2008-12-16

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[13] C
[51] **Int.Cl. C09B 33/12 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C09B 67/20 (2006.01) C09B 67/46 (2006.01) C09B 67/48 (2006.01)**
[25] EN
[54] **AZO PIGMENT, PROCESS FOR PRODUCING AZO PIGMENT, DISPERSION CONTAINING AZO PIGMENT, AND COLORING COMPOSITION**
[54] **PIGMENT AZOIQUE, PROCEDE DE PRODUCTION DU PIGMENT AZOIQUE, DISPERSION CONTENANT LE PIGMENT AZOIQUE ET COMPOSITION COLOREE**
[72] TATEISHI, KEIICHI, JP
[72] NAGATA, YOSHIAKI, JP
[72] HAYASHI, SHINYA, JP
[73] FUJIFILM CORPORATION, JP
[85] 2011-06-07
[86] 2009-12-08 (PCT/JP2009/070510)
[87] (WO2010/067784)
[30] JP (2008-313753) 2008-12-09
[30] JP (2009-278056) 2009-12-07

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[13] C
[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **11-(2-PYRROLIDIN-1-YL-ETHOXY)-14,19-DIOXA-5,7,26-TRIAZA-TETRACYCLO[19.3.1.1(2,6).1(8,12)] HEPTACOSA-1(25),2(26),3,5,8,10,12(27),16,21,23-DECAENE CITRATE SALT**
[54] **SEL DE CITRATE DE 11-(2-PYRROLIDIN-1-YL-ETHOXY)-14,19-DIOXA-5,7,26-TRIAZA-TETRACYCLO[19.3.1.1(2,6)1(8,12)] HEPTACOSA-1(25),2(26),3,5,8,10,12(27),16,21,23-DECAENE**
[72] DYMOCK, BRIAN, SG
[72] LEE, CHENG HSIA ANGELINE, SG
[72] WILLIAM, ANTHONY DEODAUNIA, SG
[73] CTI BIOPHARMA CORP., US
[85] 2011-06-07
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[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/40 (2006.01) H02G 15/117 (2006.01)**
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[54] **HIGH CONDUCTOR COUNT PACKAGING CAPSULE**
[54] **CAPSULE DE MISE SOUS BOITIER A HAUT COMPTE DE CONDUCTEURS**
[72] KIMBRELL, EDDIE, US
[72] MARCHEK, KYLE, US
[72] LICHOULAS, TED, US
[73] AFL TELECOMMUNICATIONS LLC, US
[85] 2011-06-14
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[51] **Int.Cl. H01R 13/641 (2006.01)**
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[54] **SEPARABLE CONNECTOR SYSTEM WITH A POSITION INDICATOR**
[54] **SYSTEME DE CONNECTEURS SEPARABLES A INDICATEUR DE POSITION**
[72] HUGHES, DAVID CHARLES, US
[73] COOPER TECHNOLOGIES COMPANY, US
[85] 2011-06-15
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[51] **Int.Cl. H04W 8/18 (2009.01) H04W 8/26 (2009.01) H04W 12/04 (2009.01)**
[25] EN
[54] **APPARATUS, AND AN ASSOCIATED METHOD, BY WHICH TO ACTIVATE A WIRELESS DEVICE FOR A TEMPORARY PERIOD**
[54] **APPAREIL SERVANT A ACTIVER UN DISPOSITIF SANS FIL POUR UNE PERIODE TEMPORAIRE ET PROCEDE CONNEXE**
[72] MARTIN, DARYL JOSEPH, CA
[72] GODFREY, JAMES ANDREW, CA
[72] WILSON, JOHN FERGUSON, CA
[73] BLACKBERRY LIMITED, CA
[86] (2747930)
[87] (2747930)
[22] 2011-08-03
[30] US (12/855,228) 2010-08-12

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[51] **Int.Cl. H04L 12/26 (2006.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **ORTHOGONAL TRANSFORMATION OF WEB PAGES**
[54] **TRANSFORMATION ORTHOGONALE DE PAGES WEB**
[72] WILLIAMS, MURRAY TODD, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2748948)
[87] (2748948)
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[25] EN
[54] **PHOSPHOINOSITIDE 3-KINASE INHIBITORS WITH A ZINC BINDING MOIETY**
[54] **INHIBITEURS DE PHOSPHOINOSITIDE 3-KINASE AVEC UNE FRACTION DE LIAISON AU ZINC**
[72] CAI, XIONG, US
[72] ZHAI, HAIXIAO, US
[72] LAI, CHENG-JUNG, US
[72] QIAN, CHANGGENG, US
[73] CURIS, INC., US
[85] 2011-07-07
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[30] US (61/143,271) 2009-01-08
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[13] C
[51] **Int.Cl. G10L 25/90 (2013.01)**
[25] EN
[54] **APPARATUS, METHOD AND COMPUTER PROGRAM FOR OBTAINING A PARAMETER DESCRIBING A VARIATION OF A SIGNAL CHARACTERISTIC OF A SIGNAL**
[54] **APPAREIL, PROCEDE ET PROGRAMME INFORMATIQUE POUR OBTENIR UN PARAMETRE DECRIVANT UNE VARIATION D'UNE CARACTERISTIQUE DE SIGNAL D'UN SIGNAL**
[72] BAECKSTROEM, TOM, DE
[72] BAYER, STEFAN, DE
[72] GEIGER, RALF, DE
[72] NEUENDORF, MAX, DE
[72] DISCH, SASCHA, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2010-01-11 (PCT/EP2010/050229)
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[25] EN
[54] **ATTENUATION OF UNWANTED ACOUSTIC SIGNALS BY SEMBLANCE CRITERION MODIFICATION**
[54] **ATTENUATION DES SIGNAUX ACOUSTIQUES NON VOULUS PAR MODIFICATION DES CRITERES DE SEMBLANCE**
[72] BOSE, SANDIP, US
[72] DUMONT, ALAIN, JP
[72] VALERO, HENRI-PIERRE, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2011-07-04
[86] 2010-01-13 (PCT/US2010/020835)
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[25] FR
[54] **METHOD FOR PRODUCING A DEVICE FOR PROTECTING AN AREA OF THE HUMAN BODY**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF DE PROTECTION D'UNE ZONE DU CORPS HUMAIN**
[72] GRANGE, ODILE, FR
[72] MILLET, DAMIEN, FR
[73] MILLET INNOVATION, FR
[85] 2011-07-27
[86] 2010-01-06 (PCT/IB2010/000033)
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[51] **Int.Cl. G10L 19/00 (2013.01)**
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[54] **APPARATUS, METHOD AND COMPUTER PROGRAM FOR MANIPULATING AN AUDIO SIGNAL COMPRISING A TRANSIENT EVENT**
[54] **APPAREIL, PROCEDE ET PROGRAMME INFORMATIQUE POUR LA MANIPULATION D'UN SIGNAL AUDIO COMPRENANT UN EVENEMENT TRANSITOIRE**
[72] NAGEL, FREDERIK, DE
[72] WALTHER, ANDREAS, DE
[72] FUCHS, GUILLAUME, DE
[72] LECOMTE, JEREMIE, DE
[72] POPP, HARALD, DE
[72] WIK, TILO, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2010-01-05 (PCT/EP2010/050042)
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[25] EN
[54] **PROCESS FOR SEQUESTRATION OF FLUIDS IN GEOLOGICAL FORMATIONS**
[54] **PROCEDE POUR LA SEQUESTRATION DE FLUIDES DANS DES FORMATIONS GEOLOGIQUES**
[72] DUSSEAULT, MAURICE B., CA
[72] BILAK, ROMAN, CA
[73] DUSSEAULT, MAURICE B., CA
[73] BILAK, ROMAN, CA
[85] 2011-08-09
[86] 2010-03-11 (PCT/CA2010/000316)
[87] (WO2010/102385)
[30] US (61/159,335) 2009-03-11
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[25] EN
[54] **METHOD FOR PRODUCING HYPERTHERMAL HYDROGEN MOLECULES AND USING SAME FOR SELECTIVELY BREAKING C-H AND/OR SI-H BONDS OF MOLECULES AT OR ON SUBSTRATE SURFACES**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE MOLECULAIRE HYPERTHERMAL ET D'UTILISATION DE CET HYDROGENE POUR ROMPRE SELECTIVEMENT DES LIAISONS C-H ET/OU SI-H AUX SURFACES DE SUBSTRATS**
[72] LAU, LEO W. M., CA
[72] NIE, HENG-YONG, CA
[72] TREBICKY, TOMAS, CA
[72] YANG, DE-QUAN, CA
[73] HL SCIENCE & TECHNOLOGY LIMITED, HK
[85] 2011-08-25
[86] 2010-03-03 (PCT/CA2010/000299)
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[30] US (61/202,477) 2009-03-03

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[25] EN
[54] **LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC ACID DETERMINATIONS AND ANALYSES**
[54] **REACTIFS DE MARQUAGE ET CIBLES MARQUEES, PROCEDES DE MARQUAGE DES CIBLES ET AUTRES PROCEDES POUR L'UTILISATION DE CES DERNIERES DANS LA DETERMINATION ET L'ANALYSE DES ACIDES NUCLEIQUES**
[72] STAVRIANOPOULOS, JANNIS G., US
[72] RABBANI, ELAZAR, US
[73] ENZO LIFE SCIENCES, INC., US
[86] (2754415)
[87] (2754415)
[22] 2003-03-11
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[30] US (10/096,075) 2002-03-12

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[25] EN
[54] **PETROLEUM BIOPROCESSING TO PREVENT REFINERY CORROSION**
[54] **BIOTRAITEMENT DE PETROLE POUR EMPECHER LA CORROSION EN RAFFINERIE**
[72] HEERZE, LOUIS D., CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA
[85] 2011-09-15
[86] 2009-04-14 (PCT/CA2009/000487)
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[11] **2,755,631**
[13] C
[51] **Int.Cl. C10G 75/00 (2006.01) C10G 31/00 (2006.01)**
[25] EN
[54] **PETROLEUM BIOCONVERSION OF ORGANIC ACIDS TO PREVENT REFINERY CORROSION**
[54] **BIOCONVERSION D'ACIDES ORGANIQUES DANS LE PETROLE POUR EMPECHER LA CORROSION EN RAFFINERIE**
[72] DETTMAN, HEATHER D., CA
[72] LISTER, RYAN, CA
[72] HEERZE, LOUIS D., CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA
[85] 2011-09-15
[86] 2009-04-24 (PCT/CA2009/000552)
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[11] **2,756,419**
[13] C
[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/119 (2014.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE, PROCEDE DE CODAGE PREDICTIF D'IMAGE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[73] NTT DOCOMO, INC., JP
[85] 2011-09-22
[86] 2010-03-16 (PCT/JP2010/054441)
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[30] JP (2009-069975) 2009-03-23

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[51] **Int.Cl. A01G 25/00 (2006.01) A01C 23/04 (2006.01) A01G 25/16 (2006.01) E01H 10/00 (2006.01)**
[25] EN
[54] **SNOW-LUTIONS**
[54] **GICLEUR POUR L'HIVER**
[72] MERCNIK, GERY HANSY, CA
[72] DESROSIERS, CYRILLE, CA
[73] SNOW LUTIONS INC., CA
[86] (2757089)
[87] (2757089)
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[51] **Int.Cl. A21D 2/30 (2006.01)**
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[54] **MANUFACTURE OF COOKIES HAVING REDUCED LIPID CONTENT**
[54] **CONFECTION DE BISCUITS A TENEUR REDUITE EN LIPIDE**
[72] MILLER, VAN, CA
[72] KNAPP, MICHAEL ROBERT, CA
[73] MILLER, VAN, CA
[86] (2757881)
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[25] EN
[54] **HEPATITIS C VIRUS INHIBITORS**
[54] **INHIBITEURS DU VIRUS DE L'HEPATITE C**
[72] LOPEZ, OMAR D., US
[72] CHEN, QI, US
[72] BELEMA, MAKONEN, US
[72] HAMANN, LAWRENCE G., US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
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[51] **Int.Cl. H04W 48/18 (2009.01)**
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[54] **SYSTEMS, METHODS, AND DEVICES TO ENABLE SELECTION OF RADIO ACCESS TECHNOLOGY**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR PERMETTRE LA SELECTION D'UNE TECHNOLOGIE D'ACCES RADIO**
[72] SONG, OSOK, US
[72] KITAZOE, MASATO, US
[73] QUALCOMM INCORPORATED, US
[85] 2011-10-06
[86] 2010-04-20 (PCT/US2010/031784)
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[54] **DISPERSIBLE SULPHUR FERTILIZER PELLETS**
[54] **PASTILLES DISPERSIBLES D'ENGRAIS SOUFRE**
[72] PEDERSEN, ERIC, CA
[73] SULVARIS INC., CA
[85] 2011-10-14
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[30] CA (2,663,119) 2009-04-16
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[54] **USER VERIFICATION METHOD AND USER VERIFICATION SYSTEM**
[54] **BARRE CEREALIERE MULTICOUCHE AVEC GARNITURE THIXOTROPIQUE ET METHODES DE FABRICATION**
[72] OGAWA, HIDEHARU, JP
[73] PASSLOGY CO., LTD., JP
[86] (2759020)
[87] (2759020)
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[25] EN
[54] **METHOD FOR PRODUCTION OF CHRYSANTHEMUM PLANT HAVING DELPHINIDIN-CONTAINING PETALS**
[54] **PROCEDE DE PRODUCTION D'UNE PLANTE DU GENRE CHRYSANTHEME AYANT DES PETALES CONTENANT DE LA DELPHINIDINE**
[72] NODA, NAONOBU, JP
[72] AIDA, RYUTARO, JP
[72] SATO, SANAE, JP
[72] OHMIYA, AKEMI, JP
[72] TANAKA, YOSHIKAZU, JP
[73] INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[85] 2011-10-18
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[25] EN
[54] **ATTACHMENT RAIL SYSTEM FOR A HOUSEHOLD APPLIANCE**
[54] **SYSTEME DE RAILS DE FIXATION POUR APPAREIL MENAGER**
[72] CURRLE, ANDREAS, US
[72] SHERBERT, KEVIN W., US
[72] TAYLOR, JAMES O'NEAL, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2759916)
[87] (2759916)
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[51] **Int.Cl. G01V 3/26 (2006.01)**
[25] EN
[54] **DOWNHOLE MAGNETIC MEASUREMENT WHILE ROTATING AND METHODS OF USE**
[54] **MESURE MAGNETIQUE DE FOND DE TROU PENDANT LA ROTATION ET PROCEDES D'UTILISATION**
[72] BERGSTROM, NEIL W., SMITH, US
[72] TOWLE, JAMES N., US
[72] WHITE, MATTHEW A., US
[73] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2011-11-30
[86] 2010-05-28 (PCT/US2010/036620)
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[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/19 (2006.01) A61K 31/195 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH NEBULIZED BETA 2-AGONIST OR COMBINED NEBULIZED BETA 2-AGONIST AND ANTICHOLINERGIC ADMINISTRATION**
[54] **TRAITEMENT D'UNE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE PAR ADMINISTRATION DE BETA 2 AGONISTE NEBULISE OU D'UNE COMBINAISON DE BETA 2 AGONISTE NEBULISE ET D'ANTICHOLINERGIQUE**
[72] GERHART, WILLIAM, US
[72] TUTUNCU, AHMET, US
[73] SUNOVION RESPIRATORY DEVELOPMENT INC., US
[85] 2011-12-07
[86] 2010-06-09 (PCT/US2010/038045)
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[30] US (61/185,524) 2009-06-09
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[13] C
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[25] EN
[54] **A SYSTEM AND METHOD FOR FABRICATING MACROSCOPIC OBJECTS, AND NANO-ASSEMBLED OBJECTS OBTAINED THEREWITH**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'OBJETS MACROSCOPIQUES, ET OBJETS NANO-ASSEMBLES AINSI OBTENUS**
[72] SMILJANIC, OLIVIER, CA
[73] FABLAB INC., CA
[85] 2011-12-13
[86] 2009-06-12 (PCT/CA2009/000832)
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[51] **Int.Cl. H05K 5/02 (2006.01) G06F 1/16 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **CLAMSHELL PORTABLE ELECTRONIC DEVICE WITH INPUT DEVICE IN HINGE**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF DOUBLE COQUE AVEC DISPOSITIF D'ENTREE MONTE DANS LA CHARNIERE**
[72] PEGG, ALBERT MURRAY, CA
[72] TANASE, SILVIU, CA
[73] BLACKBERRY LIMITED, CA
[86] (2767571)
[87] (2767571)
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[51] **Int.Cl. A01K 5/02 (2006.01)**
[25] EN
[54] **SOW LACTATION FEEDER**
[54] **DISPOSITIF D'ALIMENTATION POUR TRUIES EN PERIODE DE LACTATION**
[72] BRUMBAUGH, BEAU WILLIAM, US
[72] VAN HORN, HARRY RONALD, III, US
[73] CTB, INC., US
[86] (2768153)
[87] (2768153)
[22] 2012-02-15
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[13] C
[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **METHODS TO ESTIMATE DOWNHOLE DRILLING VIBRATION AMPLITUDE FROM SURFACE MEASUREMENT**
[54] **PROCEDES POUR ESTIMER UNE AMPLITUDE DE VIBRATION DE FORAGE DE FOND DE TROU A PARTIR D'UNE MESURE DE SURFACE**
[72] ERTAS, MEHMET DENIZ, US
[72] BAILEY, JEFFREY R., US
[72] BURCH, DAMIAN N., US
[72] WANG, LEI, US
[72] PASTUSEK, PAUL E., US
[72] SUNDARARAMAN, SHANKAR, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2012-02-03
[86] 2010-08-06 (PCT/US2010/044732)
[87] (WO2011/017626)
[30] US (61/232,274) 2009-08-07
[30] US (61/232,275) 2009-08-07
[30] US (61/364,244) 2010-07-14

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[54] **METHOD AND APPARATUS FOR PROTECTING MODERATOR ACCESS FOR A CONFERENCE CALL**
[54] **PROCEDE ET APPAREIL CONCU POUR PROTEGER L'ACCES DU MODERATEUR A UNE TELECONFERENCE**
[72] GOGUEN, JOSEPH, US
[72] PUNJABI, MANISH, US
[72] BERGMANN, CARSTEN, US
[72] SINGH, HARMEET, US
[72] LUCEY, CHRISTINA, US
[72] REYES, ERIC, US
[73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITIONS AND METHODS FOR BONE FORMATION AND REMODELING**
[54] **COMPOSITIONS ET PROCEDES DE FORMATION ET DE REMODELAGE OSSEUX**
[72] ZHANG, YAZHOU, US
[72] LIU, PENG, US
[72] LI, XIAOFENG, US
[72] ZHANG, JIE, US
[72] SHAN, JUFANG, US
[72] ENGELHARDT, DEAN, US
[72] WU, DIANQING, US
[73] ENZO THERAPEUTICS, INC., US
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[54] **COMPOSITIONS AND METHODS FOR BONE FORMATION AND REMODELING**
[54] **COMPOSITIONS ET PROCEDES DE FORMATION ET DE REMODELAGE OSSEUX**
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[54] **CYLINDRE DE VERROUILLAGE**
[72] BUHL, JOACHIM, DE
[73] ABUS AUGUST BREMICKER SOEHNE KG, DE
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[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE FOR SELECTING A PAYMENT ACCOUNT TO USE WITH A PAYMENT PROCESSING SYSTEM BASED UPON A MOVEMENT SENSOR OR IMAGE SENSOR AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL MOBILE POUR SELECTIONNER UN COMPTE DE PAIEMENT POUR UTILISATION AVEC UN SYSTEME DE TRAITEMENT DE PAIEMENT BASE SUR UN CAPTEUR DE MOUVEMENT OU UN CAPTEUR D'IMAGE ET METHODES ASSOCIEES**
[72] ADAMS, NEIL PATRICK, CA
[72] CHIN, EUGENE, CA
[72] BUKURAK, DAVID, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE DE PRODUCTION DE GRANULES**
[72] ROOS, WILLEM FREDERIK, NL
[72] BUITINK, FREDERICUS HENRICUS MARIA, NL
[73] STAMICARBON B.V., NL
[85] 2012-03-07
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[54] **PERFECTIONNEMENT DE POUTRELLE EN ACIER FORMEE A FROID**
[72] STRICKLAND, MICHAEL R., CA
[72] FOX, DOUGLAS M., CA
[72] XU, LEI, CA
[73] ISPAN SYSTEMS LP, CA
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[54] **CHAINE DE TRANSPORTEUR**
[72] FROST, CHARLES C., US
[73] FROST LINKS, INC., US
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[54] **METHOD AND APPARATUS FOR SOURCE IDENTIFICATION FOR KEY HANDLING FOLLOWING A HANDOVER FAILURE**
[54] **PROCEDE ET DISPOSITIF D'IDENTIFICATION DE SOURCE POUR L'ACHEMINEMENT DE CLES APRES UNE DEFAILLANCE DE TRANSFERT INTERCELLULAIRE**
[72] FRANKLIN, STEVEN, GB
[72] GEARY, STUART, GB
[72] KUBOTA, KEIICHI, GB
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2012-03-26
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[54] **DEVELOPMENT OF A PREVENTIVE VACCINE FOR FILOVIRUS INFECTION IN PRIMATES**
[54] **MISE AU POINT D'UN VACCIN PREVENTIF CONTRE L'INFECTION PAR FILOVIRUS CHEZ LES PRIMATES**
[72] NABEL, GARY J., US
[72] YANG, ZHI-YONG, US
[72] SULLIVAN, NANCY, US
[72] SANCHEZ, ANTHONY, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **SYSTEM AND METHOD EMPLOYING THREE-DIMENSIONAL AND TWO-DIMENSIONAL DIGITAL IMAGES**
[54] **SYSTEME ET PROCEDE EMPLOYANT DES IMAGES NUMERIQUES TRIDIMENSIONNELLES ET BIDIMENSIONNELLES**
[72] JUDELSON, DAVID N., US
[73] ARCHAIO, LLC, US
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[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE TO AUTHENTICATE A REMOVABLE POWER SOURCE VIA NFC COMMUNICATIONS AND ASSOCIATED METHODS**
[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE PERMETTANT D'AUTHENTIFIER UNE SOURCE D'ALIMENTATION AMOVIBLE AU MOYEN DE COMMUNICATIONS NFC ET DE METHODES CONNEXES**
[72] KHAN, GABRIEL DEEN, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **INTEGRATED INSULATION EXTRUSION AND EXTRUSION TECHNOLOGY FOR WINDOW AND DOOR SYSTEMS**
[54] **EXTRUSION A ISOLATION INTEGREE ET TECHNIQUE D'EXTRUSION POUR SYSTEMES DE FENETRES ET DE PORTES**
[72] MELKONIAN, GEORGE, US
[73] MIKRON INDUSTRIES, INC., US
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[54] **GUM BASES, CHEWING GUMS BASED THEREUPON, AND METHODS FOR MAKING THE SAME**
[54] **BASES DE GOMME, GOMMES A MACHER A BASE DE CELLES-CI ET LEURS PROCEDES DE FABRICATION**
[72] XIA, XIAOHU, US
[72] LIN, KENNETH SHOU-CHEIN, US
[72] SHEPHERD, PHILIP, US
[72] HAAS, MICHAEL S., US
[72] SHARKASI, TAWFIK, US
[73] WM. WRIGLEY JR. COMPANY, US
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[25] EN
[54] **QUARTZ PRESSURE AND TEMPERATURE TRANSDUCER ASSEMBLY WITH DYNAMIC CORRECTION**
[54] **ENSEMBLE TRANSDUCTEUR DE PRESSION ET DE TEMPERATURE A QUARTZ A CORRECTION DYNAMIQUE**
[72] GODAGER, OIVIND, NO
[73] SENSOR DEVELOPMENTS AS, NO
[85] 2012-06-01
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[54] **KNOWLEDGEBASE ARTICLE AUTHORING SYSTEM, APPARATUS AND METHOD**
[54] **SYSTEME, APPAREIL ET PROCEDE DE CREATION D'ARTICLES A PARTIR D'UNE BASE DE CONNAISSANCES**
[72] PETERSON, MICAH NATHANAEL, CA
[73] PETERSON, MICAH NATHANAEL, CA
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[54] **RECLOSER POSITION INDICATOR**
[54] **INDICATEUR DE POSITION DE FERMETURE**
[72] BINDICS, CHARLES, US
[72] AYALA, WILLIAM, III, US
[72] REED, GEOFFREY, US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
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[54] **CHIMERIC INFECTIOUS DNA CLONES, CHIMERIC PORCINE CIRCOVIRUSES AND USES THEREOF**
[54] **CLONES D'ADN INFECTIEUX CHIMERES, CIRCOVIRUS PORCINS CHIMERES ET UTILISATION DE CEUX-CI**
[72] MENG, XIANG-JIN, US
[72] FENAUX, MARTIJN, US
[72] HALBUR, PATRICK G., US
[73] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC, US
[73] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
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[25] EN
[54] **LASER ULTRASONIC FLAW DETECTION APPARATUS**
[54] **DETECTEUR DE DEFAUTS PAR LASER ET ULTRASONS**
[72] ISHIOKA, MASAHITO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2012-06-26
[86] 2011-02-24 (PCT/JP2011/054163)
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[25] EN
[54] **METHOD AND APPARATUS FOR MITIGATING UNDESIRED FLUID VIBRATION**
[54] **PROCEDE ET DISPOSITIF POUR ATTENUER UNE VIBRATION DE FLUIDE INDESIRABLE**
[72] BAKER, FREDERICK, US
[72] DENNEY, RUSTY, US
[73] COORSTEK, INC., US
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[54] **CLOSED-LOOP GLUCOSE CONTROL STARTUP**
[54] **DEMARRAGE DE CONTROLE DU GLUCOSE EN BOUCLE FERMEE**
[72] PALERM, CESAR C., US
[72] ROY, ANIRBAN, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2012-07-04
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[54] **LACTATE ACTIVATED CEMENT AND ACTIVATOR COMPOSITIONS**
[54] **CIMENT ACTIVE PAR LACTATE ET COMPOSITIONS ACTIVATRICES**
[72] SCHUMACHER, GLENN, US
[72] PATEL, RAJESHKUMAR, US
[73] CERATECH INC., US
[85] 2012-07-11
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[54] **CONFIGURATIONS AND METHODS OF HIGH PRESSURE ACID GAS REMOVAL IN THE PRODUCTION OF ULTRA-LOW SULFUR GAS**
[54] **CONFIGURATIONS ET PROCEDES D'ELIMINATION DE GAZ ACIDE A PRESSION ELEVEE DANS LA PRODUCTION DE GAZ TRES PAUVRE EN SOUFRE**
[72] MAK, JOHN, US
[73] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **ORAL CARE FORMULATIONS FOR MALODOR CONTROL**
[54] **PREPARATIONS DE SOINS BUCCAUX POUR LA LUTTE CONTRE LES MAUVAISES ODEURS**
[72] BOYD, THOMAS, US
[72] LEIGH, LEONORA, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2012-07-17
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[25] EN
[54] **METHOD FOR MAKING AN EMULSIFIED ANTIPERSPIRANT PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT ANTIPERSPIRANT EMULSIFIE**
[72] SWAILE, DAVID FREDERICK, US
[72] SHRUM, GARY PAUL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2788007)
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[54] **MEMBRANE MICROFILTRANTE MULTICOUCHE**
[72] WANG, I-FAN, US
[72] MORRIS, RICHARD, US
[72] LIANG, XUEMEI., US
[73] PALL CORPORATION, US
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[25] EN
[54] **CENTRIFUGAL MICRO-FLUIDIC DEVICE AND METHOD FOR DETECTING ANALYTES FROM LIQUID SPECIMEN**
[54] **DISPOSITIF MICROFLUIDIQUE CENTRIFUGE ET PROCEDE DE DETECTION DE SUBSTANCES A ANALYSER DANS ECHANTILLON LIQUIDE**
[72] KIM, IN WOOK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-07-26
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[25] EN
[54] **SYSTEMS AND METHODS FOR CHARACTERIZING TRANSMISSION LINES USING BROADBAND SIGNALS IN A MULTI-CARRIER DSL ENVIRONMENT**
[54] **SYSTEMES ET METHODES PERMETTANT DE CARACTERISER DES LIGNES DE TRANSMISS ON EN UTILISANT DES SIGNAUX A LARGE BANDE DANS UN ENVIRONNEMENT DSLMULT IPORTEUR**
[72] BELGE, MURAT, US
[72] TZANNES, MICHAEL A., US
[72] PADIR, HALIL, US
[73] AWARE, INC., US
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[25] EN
[54] **SEAMLESS STEEL PIPE FOR STEAM INJECTION AND METHOD FOR MANUFACTURING THE SAME**
[54] **TUYAU EN ACIER SANS SOUDURE POUR INJECTION DE VAPEUR, ET SON PROCEDE DE FABRICATION**
[72] ISHIYAMA, TOMOYUKI, JP
[72] ARAI, YUJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2012-08-16
[86] 2011-03-03 (PCT/JP2011/054882)
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[54] **THERMAL MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE GESTION DE LA CHALEUR**
[72] PATSTONE, CHRISTOPHER H., US
[73] PELICAN BIOPHARMA, LLC, US
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[54] **WATERMARK SIGNAL PROVISION AND WATERMARK EMBEDDING**
[54] **FOURNITURE DE SIGNAL DE FILIGRANE ET INTEGRATION DE FILIGRANE**
[72] WABNIK, STEFAN, DE
[72] PICKEL, JOERG, DE
[72] GREEVENBOSCH, BERT, NL
[72] GRILL, BERNHARD, DE
[72] EBERLEIN, ERNST, DE
[72] DEL GALDO, GIOVANNI, DE
[72] KRAEGELOH, STEFAN, DE
[72] ZITZMANN, REINHARD, DE
[72] BLIEM, TOBIAS, DE
[72] BORSUM, JULIANE, DE
[72] BREILING, MARCO, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **CONTROLE DE SURCHARGE D'ADMISSION DE NIVEAU D'APPLICATION**
[72] GUPTA, SUDHIR, US
[73] MITEL NETWORKS CORPORATION, CA
[86] (2791317)
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[22] 2012-09-27
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[54] **PIPE SEALING TOOL WITH EXTERNAL CLAMP**
[54] **OUTIL D'OBTURATION HERMETIQUE DE TUYAU POURVU D'UN COLLIER DE FIXATION EXTERNE**
[72] CARSON, GLENN, CA
[73] CAR-BER INVESTMENTS INC., CA
[85] 2012-08-30
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[54] **FROTH FLOTATION PROCESS FOR THE SEPARATION OF SILICATES AND ALKALINE EARTH METAL CARBONATES USING A COLLECTOR COMPRISING AT LEAST ONE HYDROPHOBICALLY MODIFIED POLYALKYLENEIMINE**
[54] **PROCEDE DE FLOTTATION PAR MOUSSE POUR LA SEPARATION DE SILICATES ET DE CARBONATES DE METAUX ALCALINOTERREUX A L'AIDE D'UN COLLECTEUR COMPRENANT AU MOINS UNE POLYALKYLENEIMINE MODIFIEE DE FACON HYDROPHOBE**
[72] GANE, PATRICK A. C., CH
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] SOETEMANN, JOERG, AT
[73] OMYA INTERNATIONAL AG, CH
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[54] **PRIORITIZING SELECTION CRITERIA BY AUTOMATED ASSISTANT**
[54] **VOCABULAIRE PERSONNALISE POUR ASSISTANT NUMERIQUE**
[72] GRUBER, THOMAS ROBERT, US
[72] CHEYER, ADAM JOHN, US
[72] GUZZONI, DIDIER RENE, CH
[72] BRIGHAM, CHRISTOPHER DEAN, US
[72] SADDLER, HARRY JOSEPH, US
[73] APPLE INC., US
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[25] EN
[54] **HIGH FIBER COUNT PACKAGE INNER MODULE**
[54] **MODULE INTERNE D'ENROBAGE A GRAND NOMBRE DE FIBRES**
[72] KIMBRELL, EDDIE, US
[72] DONALDSON, CHRIS, US
[72] LICHOULAS, TED, US
[73] AFL TELECOMMUNICATIONS LLC, US
[85] 2012-09-11
[86] 2011-03-25 (PCT/US2011/029920)
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[25] EN
[54] **A PIPE CONNECTION TO FORM A LIQUID TIGHT SEAL AND METHOD OF FORMING THE SAME**
[54] **RACCORD DE TUYAUTERIE POUR FORMER UN JOINT ETANCHE AUX LIQUIDES ET PROCEDE DE FORMATION DE CELUI-CI**
[72] TANGUAY, BENOIT, CA
[72] SIERVOGEL, JOHN, CA
[72] SEBASTIANO, GREG, CA
[73] DECAST LTD., CA
[86] (2793590)
[87] (2793590)
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[25] EN
[54] **RESOURCE PARTITIONING INFORMATION FOR ENHANCED INTERFERENCE COORDINATION**
[54] **INFORMATIONS DE PARTITIONNEMENT DE RESSOURCES POUR UNE MEILLEURE COORDINATION DU BROUILLAGE**
[72] SONG, OSOK, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] JI, TINGFANG, US
[72] YOO, TAESANG, US
[72] AGASHE, PARAG ARUN, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
[72] WEI, YONGBIN, US
[72] LUO, TAO, US
[72] PRAKASH, RAJAT, US
[72] KITAZOE, MASATO, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **RECOVERY OF AROMATIC CARBOXYLIC ACIDS AND OXIDATION CATALYST**
[54] **RECUPERATION D'ACIDES CARBOXYLIQUES AROMATIQUES ET DE CATALYSEUR D'OXYDATION**
[72] KARANJGAOKAR, C. G., IN
[73] INVISTA TECHNOLOGIES S.A.R.L., CH
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[54] **PROCESS FOR THE HYDROGENATION OF FATTY ACIDS USING A PROMOTED SUPPORTED NICKEL CATALYST**
[54] **PROCEDE D'HYDROGENATION D'ACIDES GRAS A L'AIDE D'UN CATALYSEUR DE NICKEL SUPPORTE AMELIORE**
[72] REKKER, TJALLING, NL
[72] TEROERDE, ROBERT JOHAN ANDREAS MARIA, NL
[73] BASF CORPORATION, US
[85] 2012-09-25
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[25] EN
[54] **METHODS AND APPARATUS TO TRANSFER MANAGEMENT CONTROL OF A CLIENT BETWEEN SERVERS**
[54] **PROCEDES ET APPAREIL PERMETTANT DE TRANSFERER LE CONTROLE DE GESTION D'UN CLIENT ENTRE DES SERVEURS**
[72] FERRAZZINI, AXEL, BE
[72] CARTER, JASON LEE, US
[72] GISBY, DOUGLAS MICHAEL, US
[72] HOLMES, JOHN FRANCIS, US
[72] LOPEZ, RICHARD ENRIQUE, US
[72] PARRY, THOMAS OWEN, CA
[72] ALFANO, NICHOLAS PATRICK, GB
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEMES DE DISTRIBUTION D'ENERGIE ELECTRIQUE AVEC LOCALISATION DES DEFAUTS**
[72] GONG, YANFENG, US
[72] GUZMAN-CASILLAS, ARMANDO, US
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US
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[54] **ANTAGONISTE DU RECEPTEUR D'OPIOIDES (NALTREXONE) DESTINE A ETRE UTILISE POUR TRAITER LE ZONA**
[72] PISAK, IBRAHIM MUSTAFA ISKENDER, TR
[72] PISAK, MEHMET, TR
[72] SELAMOGLU, MEHMET LEVENT, TR
[72] BINGOL, SEMRA, TR
[73] IMUNEKS FARMA ILAC SANAYI VE TICARET A.S., TR
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[25] EN
[54] **HIGH-STRENGTH STAINLESS STEEL FOR OIL WELL AND HIGH-STRENGTH STAINLESS STEEL PIPE FOR OIL WELL**
[54] **ACIER INOXYDABLE HAUTE RESISTANCE POUR PUITS DE PETROLE ET TUBE D'ACIER INOXYDABLE HAUTE RESISTANCE POUR PUITS DE PETROLE**
[72] OHE, TARO, JP
[72] AMAYA, HISASHI, JP
[72] TAKABE, HIDEKI, JP
[72] KONDO, KUNIO, JP
[72] OTOME, YOHEI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
[54] **APPARATUS AND METHOD FOR ADAPTIVE TRANSMISSION DURING ALMOST BLANK SUBFRAMES IN A WIRELESS COMMUNICATION NETWORK**
[54] **APPAREIL ET METHODE DE TRANSMISSION ADAPTATIVE PENDANT LA MAJEURE PARTIE DE LA TRANSMISSION DE SOUS-TRAMES VIDES DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] MURUGANATHAN, SIVA DHARSHAN, CA
[72] NOVAK, ROBERT, CA
[72] TABET, TARIK, CA
[72] GAGE, WILLIAM ANTHONY, CA
[72] MUKHERJEE, BISWAROOP, CA
[73] BLACKBERRY LIMITED, CA
[86] (2795976)
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[54] **METHOD FOR DIRECT MODE CHANNEL ACCESS**
[54] **PROCEDE D'ACCES A UN CANAL A MODE DIRECT**
[72] BOHN, THOMAS B., US
[72] WIATROWSKI, DAVID G.,, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2012-10-12
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[25] EN
[54] **METHOD FOR PACKAGING AND CONNECTING ULTRACAPACITORS FOR ENERGY STORAGE PURPOSES**
[54] **PROCEDE DE CONDITIONNEMENT ET DE CONNEXION D'ULTRACONDENSATEURS DANS UN BUT DE STOCKAGE D'ENERGIE**
[72] LEEMANS, FILIP, BE
[72] DE SMET, JOHAN, BE
[72] WEYEN, DOMINIQUE, BE
[73] VITO NV, BE
[85] 2012-10-25
[86] 2011-06-30 (PCT/EP2011/061052)
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[25] EN
[54] **JOSEPHSON MAGNETIC RANDOM ACCESS MEMORY SYSTEM AND METHOD**
[54] **SYSTEME DE MEMOIRE VIVE MAGNETIQUE DE TYPE JOSEPHSON ET PROCEDE**
[72] HERR, ANNA Y., US
[72] HERR, QUENTIN P., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2012-10-30
[86] 2011-03-29 (PCT/US2011/030311)
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[51] **Int.Cl. C08G 73/00 (2006.01) A61K 49/06 (2006.01) C08G 65/08 (2006.01) C08G 73/04 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE AGENT FOR DISPERSING NANOPARTICLES INTO AN AQUEOUS MEDIUM USING MUSSEL ADHESIVE PROTEIN-MIMETIC POLYMER**
[54] **AGENT BIOCOMPATIBLE DE DISPERSION DE NANOPARTICULES EN MILIEU AQUEUX A L'AIDE DE POLYMERE MIMETIQUE DE PROTEINE ADHESIVE DE MOULE**
[72] HYEON, TAEGHWAN, KR
[72] NA, KUN, KR
[72] LING, DAISHUN, KR
[72] PARK, WOORAM, KR
[73] HANWHA CHEMICAL CORPORATION, KR
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[25] EN
[54] **DRY POWDER CELLS AND CELL CULTURE REAGENTS AND METHODS OF PRODUCTION THEREOF**
[54] **CELLULES EN POUDRE ET REACTIFS DE CULTURE CELLULAIRE ET METHODES DE PRODUCTION AFFERENTS**
[72] FIKE, RICHARD, US
[72] WHITFORD, WILLIAM, US
[72] BIDDLE, WILLIAM, US
[73] LIFE TECHNOLOGIES CORPORATION, US
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[25] EN
[54] **SUBSTRATE FOR WEAR-PROOF ORTHOPAEDIC JOINTS, OF NON FERROUS METAL WITH A NITRIDE-BASED COATING**
[54] **SUBSTRAT POUR ARTICULATIONS ORTHOPEDIQUES RESISTANTES A L'USURE, EN UN METAL NON FERREUX AVEC UN REVETEMENT A BASE DE NITRURE**
[72] LAMBERT, PHILIPPE, CH
[72] FARINOTTI, ALESSANDRO, IT
[73] MEDACTA INTERNATIONAL S.A., CH
[85] 2012-11-09
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[54] **PROMEDICAMENTS A BASE DE POLYMERE A BRANCHES MULTIPLES**
[72] ZHAO, XUAN, US
[72] BENTLEY, MICHAEL D., US
[72] REN, ZHONGXU, US
[72] VIEGAS, TACEY X., US
[73] NEKTAR THERAPEUTICS, US
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[25] EN
[54] **OPTIMIZING GLYCAN PROCESSING IN PLANTS**
[54] **OPTIMISATION DU TRAITEMENT DU GLYCANE CHEZ LES PLANTES**
[72] BAKKER, HENDRIKUS ANTONIUS CORNELIS, DE
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, NL
[72] BOSCH, HENDRIK JAN, NL
[72] ROUWENDAL, GERARD JOHAN ADOLPH, NL
[73] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL
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[25] EN
[54] **METHODS AND SYSTEMS FOR PIPELINING WITHIN BINARY ARITHMETIC CODING AND DECODING**
[54] **PROCEDES ET SYSTEMES POUR PIPELINE DANS UN CODAGE ET UN DECODAGE ARITHMETIQUES BINAIRES**
[72] NGUYEN, NGUYEN, CA
[72] JI, TIANYING, CA
[72] HE, DAKE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2800119)
[87] (2800119)
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[54] **A BANDWIDTH EXTENDER**
[54] **EXTENSEUR DE BANDE PASSANTE**
[72] MYLLYLA, VILLE MIKAEL, FI
[72] LAAKSONEN, LAURA, FI
[72] PULAKKA, HANNU JUHANI, FI
[72] ALKU, PAAVO ILMARI, FI
[73] NOKIA TECHNOLOGIES OY, FI
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR STABILIZING TRANSTHYRETIN AND INHIBITING TRANSTHYRETIN MISFOLDING**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE STABILISER LA TRANSTHYRETINE ET D'INHIBER UN MAUVAIS REPLIEMENT DE LA TRANSTHYRETINE**
[72] KELLY, JEFFERY W., US
[72] SEKIJIMA, YOSHIKI, US
[72] POWERS, EVAN T., US
[72] RAZAVI, HOSSEIN, US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
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[25] EN
[54] **METHOD AND APPARATUS FOR INTER-USER DEVICE TRANSFER (IUT) IN A NETWORK BASED MOBILITY DOMAIN**
[54] **PROCEDE ET APPAREIL DE TRANSFERT INTER-DISPOSITIFS UTILISATEURS (IUT) DANS UN DOMAINE DE MOBILITE BASE SUR UN RESEAU**
[72] PERRAS, MICHELLE, CA
[72] DE FOY, XAVIER, CA
[72] SHAHEEN, KAMEL M., US
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2012-12-04
[86] 2011-06-03 (PCT/US2011/039035)
[87] (WO2011/153413)
[30] US (61/351,344) 2010-06-04
[30] US (61/475,389) 2011-04-14

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[51] **Int.Cl. H02J 13/00 (2006.01) H04W 84/18 (2009.01) H04R 3/00 (2006.01)**
[25] EN
[54] **MANAGEMENT UNIT WITH MICROPHONE**
[54] **UNITE DE GESTION D'ENERGIE MUNIE D'UN MICROPHONE**
[72] BORRAS, JAIME ANDRES, US
[72] OWENS, BETSY, US
[73] SEARS BRANDS, LLC, US
[86] (2801725)
[87] (2801725)
[22] 2013-01-14
[30] US (13/351,918) 2012-01-17

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[25] EN
[54] **MULTIPLE SIGN BIT HIDING WITHIN A TRANSFORM UNIT**
[54] **BITS DE SIGNE MULTIPLES CACHES DANS UNE UNITE DE TRANSFORMATION**
[72] WANG, JING, CA
[72] HE, DAKE, CA
[72] YU, XIANG, CA
[73] BLACKBERRY LIMITED, CA
[86] (2801767)
[87] (2801767)
[22] 2013-01-04
[30] EP (12151973.0) 2012-01-20

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[13] C
[51] **Int.Cl. H04W 48/06 (2009.01) H04W 28/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING SERVICE REQUEST MESSAGES IN A CONGESTED NETWORK**
[54] **PROCEDE ET APPAREIL D'EMISSION DE MESSAGES DE DEMANDE DE SERVICES DANS UN RESEAU ENCOMBRE**
[72] AGHILI, BEHROUZ, US
[72] WATFA, MAHMOUD, CA
[72] OLVERA-HERNANDEZ, ULISES, CA
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2012-12-06
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[30] US (61/352,096) 2010-06-07
[30] US (61/354,979) 2010-06-15
[30] US (61/359,063) 2010-06-28
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[13] C
[51] **Int.Cl. A61F 13/42 (2006.01) G08B 19/00 (2006.01) G08B 23/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ANALYSING EVENTS FROM SENSOR DATA BY OPTIMISATION**
[54] **APPAREIL ET PROCEDE D'ANALYSE D'EVENEMENTS PROVENANT DE DONNEES DE CAPTEUR PAR OPTIMISATION**
[72] BARDA, DAVID ALBERT, AU
[72] MASHINCHI, MOHAMMAD HADI, AU
[73] FRED BERGMAN HEALTHCARE PTY LTD, AU
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[54] **PAPER FOR INKJET RECORDING**
[54] **PAPIER POUR IMPRESSION PAR JET D'ENCRE**
[72] GANE, PATRICK A.C., CH
[72] KUKKAMO, VESA, CH
[72] RIDGWAY, CATHERINE JEAN, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2012-12-13
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[54] **VIBROSEIS ACQUISITION TECHNIQUE AND SYSTEM USING DYNAMIC SOURCE CONTROL**
[54] **TECHNIQUE D'ACQUISITION VIBROSISMIQUE ET SYSTEME UTILISANT UNE REGULATION DYNAMIQUE DES SOURCES**
[72] LIU, QINGLIN, NO
[72] O'CONNELL, KEVIN, NO
[73] SCHLUMBERGER CANADA LIMITED, CA
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[86] 2011-06-23 (PCT/US2011/041608)
[87] (WO2012/009122)
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[54] **CHEWING GUM PRODUCTS CONTAINING ETHYL ESTER OF N-[[5-METHYL-2-(1-METHYLETHYL)-CYCLOHEXYL] CARBONYL] GLYCINE**
[54] **PRODUITS DE GOMME A MACHER CONTENANT UN ESTER ETHYLIQUE DE N-[[5-METHYL-2-(1-METHYLETHYL)-CYCLOHEXYL]CARBONYL]GLYCINE**
[72] JOHNSON, SONYA S., US
[72] SHELDON, GLORIA T., US
[72] HELD, DEREK, US
[72] ZYCK, DANIEL J., US
[73] WM. WRIGLEY JR. COMPANY, US
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[54] **METHOD AND APPARATUS FOR IMAGING**
[54] **PROCEDE ET APPAREIL D'IMAGERIE**
[72] SHIRLEY, LYLE G., US
[72] MARRION, JEFFREY C., US
[73] FOCUSED INNOVATION, INC., US
[85] 2013-01-14
[86] 2011-07-22 (PCT/US2011/045085)
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[30] US (61/367,409) 2010-07-24
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[25] EN
[54] **COMMUNICATION BETWEEN SENSOR UNITS AND A RECORDER**
[54] **COMMUNICATION ENTRE DES CAPTEURS ET UN ENREGISTREU**
[72] KNUTSEN, THORLEIV, NO
[73] WESTERNGECO CANADA LIMITED, CA
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[87] (2805536)
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[25] EN
[54] **A NOVEL EMBEDDED 3D STRESS AND TEMPERATURE SENSOR UTILIZING SILICON DOPING MANIPULATION**
[54] **NOUVEAU CAPTEUR INCRUSTE DE CONTRAINTE 3D ET DE TEMPERATURE PAR MANIPULATION D'UN DOPAGE AU SILICIUM**
[72] GHARIB, HOSSAM MOHAMED HAMDY, CA
[72] MOUSSA, WALIED AHMED MOHAMED, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2013-01-24
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[54] **HEADREST SPEAKER ARRANGEMENT**
[54] **SYSTEME APPUI-TETE A HAUT-PARLEUR INTEGRE**
[72] SILZLE, ANDREAS, DE
[72] HEISE, ULRIK, AT
[72] VARGA, STEFAN, DE
[72] LANG, MATTHIAS, DE
[72] HELLMUTH, OLIVER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-01-29
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[54] **PHARMACEUTICALLY ACTIVE COMPOUNDS AS AXL INHIBITORS**
[54] **COMPOSES PHARMACEUTIQUEMENT ACTIFS EN TANT QU'INHIBITEURS DE AXL**
[72] SCHULTZ-FADEMRECHT, CARSTEN, DE
[72] KLEBL, BERT, DE
[72] CHOIDAS, AXEL, DE
[72] KOCH, UWE, DE
[72] EICKHOFF, JAN, DE
[72] WOLF, ALEXANDER, DE
[72] ULLRICH, AXEL, DE
[73] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[73] LEAD DISCOVERY CENTER GMBH, DE
[85] 2013-02-06
[86] 2011-08-26 (PCT/EP2011/004451)
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[51] **Int.Cl. B32B 3/08 (2006.01) B32B 7/12 (2006.01) B62D 29/00 (2006.01) E04C 2/34 (2006.01)**
[25] EN
[54] **COMPOSITE PANEL AND JOINT CONSTRUCTION**
[54] **CONSTRUCTION A JOINT DE PANNEAU COMPOSITE**
[72] JAWORSKI, LESZEK S., US
[72] LEE, CHRISTIAN S., US
[73] HYUNDAI TRANSLEAD, US
[86] (2807710)
[87] (2807710)
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[54] **DISSOLVABLE BRIDGE PLUG**
[54] **BOUCHON PROVISOIRE SOLUBLE**
[72] STAFFORD, JACK, US
[72] GREESON, BILLY, US
[72] FLEMING, JOHN, US
[72] MARYA, MANUEL P., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-02-11
[86] 2011-08-10 (PCT/US2011/047296)
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[54] **SIGNATURE REPRESENTATION OF DATA HAVING HIGH DIMENSIONALITY**
[54] **REPRESENTATION DE SIGNATURE DE DONNEES DE HAUTE DIMENSIONALITE**
[72] OKA, ANAND RAVINDRA, CA
[72] SNOW, CHRISTOPHER HARRIS, US
[72] SIMMONS, SEAN BARTHOLOMEW, CA
[73] BLACKBERRY LIMITED, CA
[86] (2808107)
[87] (2808107)
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[54] **HYDRODESULFURIZATION PROCESS WITH SELECTED LIQUID RECYCLE TO REDUCE FORMATION OF RECOMBINANT MERCAPTANS**
[54] **PROCEDE D'HYDRODESULFURISATION AVEC RECYCLAGE SELECTIF DES LIQUIDES POUR REDUIRE LA FORMATION DE MERCAPTANS RECOMBINANTS**
[72] PODREBARAC, GARY G., US
[72] SUBRAMANYAM, MAHESH, US
[73] CATALYTIC DISTILLATION TECHNOLOGIES, US
[85] 2013-02-15
[86] 2011-06-07 (PCT/US2011/039431)
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[54] **STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE**
[72] ROMANSKI, BARTLOMIEJ, PL
[72] HELDT, LUKASZ, PL
[72] KILIAN, WOJCIECH, PL
[72] LICHOTA, KRZYSZTOF, PL
[72] DUBNICKI, CEZARY, PL
[73] NEC CORPORATION, JP
[85] 2013-02-22
[86] 2011-08-25 (PCT/JP2011/004718)
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[30] US (61/378,820) 2010-08-31

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[51] **Int.Cl. B24D 3/06 (2006.01) B24D 18/00 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **BONDED ABRASIVE ARTICLE AND METHOD OF FORMING**
[54] **ARTICLE ABRASIF AGGLOMERE ET PROCEDE DE FACONNAGE**
[72] RAMANATH, SRINIVASAN, US
[72] SAUCIER, KENNETH A., US
[72] UPADHYAY, RACHANA, US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2013-02-22
[86] 2011-09-02 (PCT/US2011/050384)
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[25] EN
[54] **METHOD OF ADSORPTIVE GAS SEPARATION USING THERMALLY CONDUCTIVE CONTACTOR STRUCTURE**
[54] **PROCEDE DE SEPARATION DES GAZ PAR ADSORPTION A L'AIDE D'UNE STRUCTURE DE CONTACTEUR THERMIQUEMENT CONDUCTRICE**
[72] BOULET, ANDRE, CA
[72] KHIAVI, SOHEIL, CA
[73] INVENTYS THERMAL TECHNOLOGIES INC., CA
[85] 2013-02-26
[86] 2011-08-26 (PCT/CA2011/050521)
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[30] US (61/377,875) 2010-08-27

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[13] C
[51] **Int.Cl. H02J 3/14 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **POWER CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE D'ALIMENTATION**
[72] TRUDEL, GILLES, CA
[72] JASMIN, SIMON, CA
[72] NORMANDIN, IRENE, CA
[73] BIPCO-SOFT R3 INC., BB
[86] (2809896)
[87] (2809896)
[22] 2013-03-21
[30] CA (2,778,345) 2012-06-01

[11] **2,810,047**
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[51] **Int.Cl. F24F 6/04 (2006.01) A61M 16/16 (2006.01) B01F 3/02 (2006.01) B01F 15/06 (2006.01) F24F 6/10 (2006.01) F24F 11/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HUMIDIFICATION AND WARMING OF AIR IN A MEDICAL PROCEDURE**
[54] **METHODE ET APPAREIL SERVANT A HUMIDIFIER ET CHAUFFER L'AIR LORS D'UNE INTERVENTION MEDICALE**
[72] MANTELL, ROBERT A., US
[72] MANZIE, PETER A., US
[73] NORTHGATE TECHNOLOGIES INC., US
[86] (2810047)
[87] (2810047)
[22] 2001-06-29
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[51] **Int.Cl. B01F 17/42 (2006.01) C09D 5/02 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **SURFACTANT COMPOSITIONS AND USE FOR AQUEOUS COMPOSITIONS**
[54] **COMPOSITIONS DE SURFACTANT ET UTILISATION DANS DES COMPOSITIONS AQUEUSES**
[72] GRAF, IRINA V., US
[72] KRASOVSKIY, ARKADY L., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[86] (2810642)
[87] (2810642)
[22] 2013-03-27
[30] US (61/636,780) 2012-04-23

[11] **2,811,018**
[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61L 27/36 (2006.01)**
[25] EN
[54] **FUSION CAGE WITH COMBINED BIOLOGICAL DELIVERY SYSTEM**
[54] **CAGE DE FUSION DOTEE D'UN SYSTEME COMBINE D'ADMINISTRATION D'AGENTS BIOLOGIQUES**
[72] KLEINER, JEFFREY, US
[72] GRIMBERG, EDWARD JOHN JR., US
[73] KLEINER, JEFFREY, US
[85] 2013-03-08
[86] 2011-09-20 (PCT/US2011/052278)
[87] (WO2012/040152)
[30] US (12/886,452) 2010-09-20
[30] US (61/439,712) 2011-02-04

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[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/588 (2006.01)**
[25] EN
[54] **MECHANISMS FOR TREATING SUBTERRANEAN FORMATIONS WITH EMBEDDED ADDITIVES**
[54] **MECANISMES POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES AVEC DES ADDITIFS ENROBES**
[72] AUZERAIS, FRANCOIS, US
[72] TU, HUILIN, US
[72] MAHESHWARI, SUDEEP, US
[72] GANGULY, PARTHA, US
[72] KHLESTKIN, VADIM, RU
[72] LECERF, BRUNO, RU
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-03-15
[86] 2011-08-25 (PCT/US2011/049169)
[87] (WO2012/036862)
[30] US (12/884,917) 2010-09-17

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[51] **Int.Cl. C08L 77/00 (2006.01) C08J 5/04 (2006.01) C08K 3/22 (2006.01) C08K 7/14 (2006.01)**
[25] EN
[54] **POLYAMIDE MOULDING COMPOSITION AND USE THEREOF**
[54] **COMPOSITION A MOULER A BASE DE POLYAMIDE ET SON UTILISATION**
[72] STOEPPELMANN, GEORG, CH
[72] BERTRAM, SABINE, CH
[72] PFLEGHAR, MARK, CH
[73] EMS-PATENT AG, CH
[86] (2812366)
[87] (2812366)
[22] 2013-04-08
[30] EP (12 182 021.1) 2012-08-28

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[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **PRESSURE MONITORING SYSTEM FOR INFUSION PUMPS**
[54] **SYSTEME DE SURVEILLANCE DE PRESSION POUR POMPES A PERFUSION**
[72] BECK, KENT, US
[72] EGGERS, PHILIP, US
[72] WALKER, LARRY, US
[73] ZEVEX, INC., US
[85] 2013-03-26
[86] 2011-09-29 (PCT/US2011/053970)
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[30] US (61/388,977) 2010-10-01

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[25] EN
[54] **STEEL FOR WHEEL**
[54] **ACIER POUR ROUE**
[72] YAMAMOTO, YUICHIRO, JP
[72] TAKESHITA, YUKITERU, JP
[72] KATO, TAKANORI, JP
[72] KIRIYAMA, KENTARO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-03-27
[86] 2011-11-18 (PCT/JP2011/076695)
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[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **A GEARING MECHANISM FOR A DOSE DELIVERY DEVICE**
[54] **MECANISME D'ENGRENAGE POUR DISPOSITIF D'ADMINISTRATION DE DOSES**
[72] MOLLER, CLAUS SCHMIDT, DK
[73] ELI LILLY AND COMPANY, US
[85] 2013-03-21
[86] 2011-09-23 (PCT/DK2011/000103)
[87] (WO2012/037938)
[30] DK (PA 2010 00872) 2010-09-24

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[13] C
[51] **Int.Cl. G01N 35/00 (2006.01) G06K 9/00 (2006.01) H04N 7/18 (2006.01)**
[25] FR
[54] **DEVICE FOR RECORDING THE STEPS INVOLVED IN THE PRODUCTION OF A PHARMACEUTICAL PREPARATION AND ASSOCIATED RECORDING METHOD**
[54] **DISPOSITIF PERMETTANT UN ENREGISTREMENT DES ETAPES DE FABRICATION D'UNE PREPARATION PHARMACEUTIQUE ET PROCEDE D'ENREGISTREMENT APPARENTE**
[72] LE FRANC, BENOIT, FR
[73] LE FRANC, BENOIT, FR
[85] 2013-04-03
[86] 2010-10-04 (PCT/FR2010/052092)
[87] (WO2011/042651)
[30] FR (0956970) 2009-10-07

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[51] **Int.Cl. G01D 5/32 (2006.01) G01B 9/02 (2006.01) G01D 5/353 (2006.01)**
[25] EN
[54] **INTERFEROMETER SYSTEMS**
[54] **SYSTEMES INTERFEROMETRIQUES**
[72] TAPANES, EDWARD, US
[73] FIBERSONICS INC., US
[85] 2013-04-05
[86] 2011-09-21 (PCT/US2011/052608)
[87] (WO2012/050774)
[30] US (61/393,298) 2010-10-14
[30] US (61/393,321) 2010-10-14

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[13] C
[51] **Int.Cl. A01D 43/00 (2006.01) A01D 82/00 (2006.01)**
[25] EN
[54] **PULL-TYPE CROP HARVESTING MACHINE TRANSPORT SYSTEM WHERE A TRANSPORT WHEEL CAN MOVE UNDERNEATH THE CROP ENGAGING SYSTEM**
[54] **SYSTEME DE TRANSPORT DE MACHINE A RECOLTER PAR TRACTION OU UNE ROUE DE TRANSPORT PEUT SE DEPLACER SOUS LE SYSTEME D'ENTRAINEMENT DE LA RECOLTE**
[72] BARNETT, NEIL G., CA
[72] SNIDER, GEOFFREY U., CA
[72] KOLEGAEV, KONSTANTIN, CA
[72] AFTING, ANDREAS, DE
[73] MACDON INDUSTRIES LTD., CA
[73] MASCHINENFABRIK BERNARD KRONE GMBH, DE
[86] (2815408)
[87] (2815408)
[22] 2013-04-25
[30] US (61638864) 2012-04-26

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[13] C
[51] **Int.Cl. A01D 43/00 (2006.01) A01D 82/00 (2006.01)**
[25] EN
[54] **PULL-TYPE CROP HARVESTING MACHINE TRANSPORT SYSTEM ACTUATED AT A PREDETERMINED ANGLE OF THE HITCH**
[54] **SYSTEME DE TRANSPORT DE MACHINE A RECOLTER PAR TRACTION ACTIONNE A UN ANGLE PREDETERMINE DE L'ATTELAGE**
[72] BARNETT, NEIL G., CA
[72] CHAN, RICKY, CA
[72] SNIDER, GEOFFREY U., CA
[72] AFTING, ANDREAS, DE
[73] MACDON INDUSTRIES LTD., CA
[73] MASCHINENFABRIK BERNARD KRONE GMBH, DE
[86] (2815421)
[87] (2815421)
[22] 2013-04-25
[30] US (61638864) 2012-04-26

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[51] **Int.Cl. H04N 21/61 (2011.01) H04N 21/462 (2011.01) H04N 21/4722 (2011.01) H04N 21/81 (2011.01) H04N 21/858 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A NETWORK LINK BETWEEN BROADCAST CONTENT AND CONTENT LOCATED ON A COMPUTER NETWORK**
[54] **SYSTEMES ET PROCEDES DE REALISATION D'UNE LIAISON DE RESEAU ENTRE UN CONTENU DE DIFFUSION ET UN CONTENU SITUE SUR UN RESEAU INFORMATIQUE**
[72] KOKERNAK, MICHAEL, US
[72] NOLAND, MADELEINE, US
[72] CAMPBELL, COLIN, US
[72] BECHTEL, GORDON, US
[73] RAKUTEN, INC., JP
[85] 2013-04-24
[86] 2011-10-27 (PCT/US2011/058061)
[87] (WO2012/058411)
[30] US (12/913,672) 2010-10-27

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[51] **Int.Cl. H02G 5/06 (2006.01)**
[25] EN
[54] **BUSBAR CLAMPING SYSTEMS**
[54] **SYSTEMES DE SERRAGE DE BARRES OMNIBUS**
[72] WILLIFORD, MATTHEW A., US
[72] BOUFFET, OLIVIER, US
[72] REED, THOMAS W., JR., US
[73] SCHNEIDER ELECTRIC USA, INC., US
[85] 2013-05-01
[86] 2011-10-21 (PCT/US2011/057266)
[87] (WO2012/067756)
[30] US (12/947,949) 2010-11-17

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[13] C
[51] **Int.Cl. H04N 19/59 (2014.01) H04N 19/159 (2014.01) H04N 19/51 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION**
[54] **PROCEDE ET DISPOSITIF DE CODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE, ET PROCEDE ET DISPOSITIF DE DECODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE**
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2816755)
[87] (2816755)
[22] 2010-12-08
[62] 2,783,786
[30] KR (10-2009-20121400) 2009-12-08

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[54] **ALLIAGES MAGNESIUM-ALUMINIUM A CONCEPTION SPECIALE ET LEURS UTILISATIONS MEDICALES DANS UN ENVIRONNEMENT HEMODYNAMIQUE**
[72] GREEN, STEPHEN, US
[72] BUCHHEIT, RUDOLPH, US
[73] TRANSLUMINAL TECHNOLOGIES, LLC, US
[85] 2013-05-07
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[54] **APPARATUS AND METHOD FOR AUTOMATED DRILLING OF A BOREHOLE IN A SUBSURFACE FORMATION**
[54] **APPAREIL ET PROCEDE POUR LE FORAGE AUTOMATISE D'UN TROU DE FORAGE DANS UNE FORMATION SOUTERRAINE**
[72] KOEDERITZ, WILLIAM LEO, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-05-09
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[54] **ASYNCHRONOUS DS-CDMA RECEIVER**
[54] **RECEPTEUR DS-CDMA ASYNCHRONE**
[72] TROITE, TORGEIR ANDERSSEN, NO
[72] LEHNER, DEAN TAYLOR, US
[72] LUNDLI, STIAN, NO
[72] JAHN, MICHAEL WALTER, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **SPECIMEN CONTAINER LABEL FOR AUTOMATED CLINICAL LABORATORY PROCESSING SYSTEMS**
[54] **ETIQUETTE DE RECIPIENTS CONTENANT DES SPECIMENS POUR SYSTEMES DE TRAITEMENT AUTOMATIQUE EN LABORATOIRE CLINIQUE**
[72] PALMER, ASHLEY, US
[72] ROSS, ROBERT S., US
[72] HOLMES, PAUL, US
[72] GOLABEK, ROBERT S., JR., US
[72] FELIX, SHENIKA E., US
[72] DUBROWNY, NANCY, US
[72] CONLEY, KRISTINE, US
[72] BUSH, CHRISTINE, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **LOW-LOAD DISTRIBUTOR**
[54] **DISTRIBUTEUR POUR FAIBLES CHARGES**
[72] FRANZ, UWE, DE
[72] GEIPEL, WERNER, DE
[73] RVT PROCESS EQUIPMENT GMBH, DE
[86] (2818142)
[87] (2818142)
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[54] **AIR PURIFICATION DEVICES METHODS AND SYSTEMS**
[54] **DISPOSITIFS, PROCEDES ET SYSTEMES D'EPURATION D'AIR**
[72] LIVCHAK, ANDREY V., US
[72] BAGWELL, RICK A., US
[73] OY HALTON GROUP LTD., FI
[85] 2013-05-16
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[54] **BLOOD COLLECTION DEVICES CONTAINING BLOOD STABILIZATION AGENT**
[54] **DISPOSITIFS DE PRELEVEMENT SANGUIN CONTENANT UN AGENT DE STABILISATION DU SANG**
[72] GELFAND, CRAIG A., US
[72] MARCHIARULLO, DANIEL, US
[72] MOSKOWITZ, KEITH, US
[73] BECTON, DICKINSON AND COMPANY, US
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[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **BACK-UP CONFIGURATIONS AND METHODS FOR SULFURIC ACID PLANTS**
[54] **CONFIGURATIONS ET PROCEDES DE SECOURS POUR INSTALLATIONS DE PRODUCTION D'ACIDE SULFURIQUE**
[72] RAVIKUMAR, RAVI, US
[72] BAZATA, RICHARD, US
[73] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2013-05-17
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[54] **METHODS AND COMPOSITIONS CONCERNING POXVIRUSES AND CANCER**
[54] **PROCEDES ET COMPOSITIONS CONCERNANT LES POXVIRUS ET LE CANCER**
[72] KIRN, DAVID, US
[72] THORNE, STEVE H., US
[73] SILLAJEN BIOTHERAPEUTICS, INC., US
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[54] **ADJUSTABLE BRACKET FOR STEEL STUD**
[54] **SUPPORT REGLABLE POUR MONTANT D'ACIER**
[72] LALANCETTE, DANIEL, CA
[72] VEILLETTE, MARC-ANTOINE, CA
[72] BOUCHER, YVES, CA
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[86] (2819077)
[87] (2819077)
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[54] **ELASTOMERIC BEARING HOUSING AND MATING GRIP FOR HELICOPTER ROTOR SYSTEM**
[54] **CORPS DE PALIER ELASTOMERE ET PRISE D'ACCOUPLEMENT POUR UN SYSTEME DE ROTOR D'HELICOPTERE**
[72] CHRESTENSEN, GEORGE, US
[72] CORSO, LAWRENCE M., US
[72] SOTTIAUX, DANIEL, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2820936)
[87] (2820936)
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[54] **MINING MACHINE WITH DRIVEN DISC CUTTERS**
[54] **MACHINE DE MINE AVEC MOLETTES A DISQUE COMMANDEES**
[72] DEANDRADE, ALEX FREIRE, ZA
[72] VELDMAN, CHARL CHRISTO, ZA
[72] MOLLER, ARTHUR KENNETH, ZA
[72] SKEA, THEUNS FICHARDT, ZA
[72] DE SOUSA, JOAQUIM ANTONIO SOAR, ZA
[73] JOY MM DELAWARE, INC., US
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[54] **ELECTRICAL CONNECTOR HAVING GROUNDING MECHANISM**
[54] **CONNECTEUR ELECTRIQUE COMPORTANT UN MECANISME DE MISE A LA MASSE**
[72] SIEBENS, LARRY N., US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2821465)
[87] (2821465)
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[25] EN
[54] **A WIRELESS DEVICE FOR PROVIDING NOTIFICATIONS ASSOCIATED WITH A MOBILE ELECTRONIC DEVICE**
[54] **APPAREIL SANS FIL PERMETTANT DE FOURNIR DES AVIS ASSOCIES A UN APPAREIL ELECTRONIQUE MOBILE**
[72] RIZKALLAH, GERARD, US
[72] ABDELSAMIE, AHMED, CA
[72] SCHARKOV, JOHN IVAN, CA
[72] MEUNIER, MARC ELIS, CA
[72] CHAN, JEFF CHI SHING, CA
[72] BURRELL, DOUGLAS JAMES ARTHUR, CA
[72] FYKE, STEVEN HENRY, CA
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2821838)
[87] (2821838)
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[54] **VEHICLE ENTERTAINMENT SYSTEM**
[54] **SYSTEME DE DIVERTISSEMENT DE VEHICULE**
[72] MITCHELL, CIARAN, GB
[73] AUDIOVOX INCAAR SYSTEMS GMBH, DE
[85] 2013-06-14
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[25] FR
[54] **ASSISTANCE DEVICE FOR REGULATING A LIQUID ELECTROLYTIC BATH**
[54] **DISPOSITIF D'ASSISTANCE A LA REGULATION D'UN BAIN ELECTROLYTIQUE LIQUIDE**
[72] MONSEGUR, YVES, FR
[72] ELIZALDE, XAVIER, FR
[72] MENTIERES, GAETAN, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2822053)
[87] (2822053)
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[25] FR
[54] **METHOD FOR BRAIDING REINFORCING FIBRES WITH VARIATION IN THE INCLINATION OF THE BRAIDED FIBRES**
[54] **PROCEDE DE TRESSAGE DE FIBRES RENFORCANTES A VARIATION D'INCLINAISON DES FIBRES TRESSEES**
[72] MASSON, RICHARD, FR
[72] DESJOYEAUX, BERTRAND, FR
[72] BOUDIER, ROMAIN, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[73] AIRCELLE, FR
[85] 2013-06-19
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[54] **HANDHELD MEDICAL DIAGNOSTIC DEVICES WITH LANCING SPEED CONTROL**
[54] **DISPOSITIFS MANUELS POUR DIAGNOSTIC MEDICAL AVEC REGULATION DE LA VITESSE D'INCISION**
[72] ROE, STEVEN N., US
[72] FRUHAUF, CHRIS, US
[72] CHEN, MAX, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-20
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[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/02 (2006.01) A61B 5/103 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF CHARACTERISING A NARROWING IN A FLUID FILLED TUBE**
[54] **APPAREIL ET PROCEDE DE CARACTERISATION D'UN RETRECISSEMENT DANS UN TUBE REMPLI DE FLUIDE**
[72] DAVIES, HELEN CATHERINE STUART, GB
[72] DAVIES, JUSTIN, GB
[73] MEDSOLVE LIMITED, GB
[85] 2013-07-04
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[25] EN
[54] **FILM-COATED PREPARATION HAVING IMPROVED STABILITY**
[54] **PREPARATION REVETUE D'UN FILM AYANT UNE STABILITE AMELIOREE**
[72] MAEDA, KAZUKO, JP
[72] WATANABE, TOMOYUKI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[73] UBE INDUSTRIES, LTD., JP
[86] (2823981)
[87] (2823981)
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[54] **DEVICE TO PROVIDE ENHANCED FLOSSING BENEFITS**
[54] **DISPOSITIF POUR FOURNIR DES AVANTAGES AMELIORES D'UTILISATION DE SOIE DENTAIRE**
[72] PATEL, MADHUSUDAN, US
[72] GATZEMEYER, JOHN J., US
[72] JIMENEZ, EDUARDO J., US
[72] KENNEDY, SHARON, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **METHOD FOR VERTICAL ACTING EGRESS AND FIRE/SMOKE PROTECTION**
[54] **PROCEDE PERMETTANT DE PROCEDER DE FACON VERTICALE A UNE EVACUATION ET PROTECTION CONTRE L'INCENDIE/LA FUMEE**
[72] KLISH, IAN, US
[72] REKLAITIS, BRIAN, US
[73] CIW ENTERPRISES, INC., US
[85] 2013-07-17
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[51] **Int.Cl. A61K 31/19 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHODS FOR IMPROVING BRAIN DEVELOPMENT AND COGNITIVE FUNCTION USING BETA-HYDROXY-BETA-METHYLBUTYRATE**
[54] **PROCEDES POUR AMELIORER LE DEVELOPPEMENT CEREBRAL ET LES FONCTIONS COGNITIVES QUI EMPLOIENT DU BETA-HYDROXY-BETA-METHYLBUTYRATE**
[72] PEDROSA, JOSE MARIA LOPEZ, ES
[72] MARTIN, MANUEL MANZANO, ES
[72] PEREZ, ALEJANDRO BARRANCO, ES
[72] GONZALEZ, MARIA RAMIREZ, ES
[72] CABRERA, RICARDO RUEDA, ES
[73] ABBOTT LABORATORIES, US
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[25] EN
[54] **REDUCED COMPLEXITY TRANSFORM FOR A LOW-FREQUENCY-EFFECTS CHANNEL**
[54] **TRANSFORMATION DE COMPLEXITE REDUITE POUR CANAL A FAIBLES EFFETS DE FREQUENCE**
[72] FELLERS, MATTHEW C., US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2013-07-29
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[25] EN
[54] **SYSTEM AND METHOD FOR LIFTING LARGE OFF-HIGHWAY TRUCK-TRUCK BODIES**
[54] **SYSTEME ET PROCEDE POUR LEVER DES CARROSSERIES DE CAMION/CAMION DE CHANTIER DE GRANDES DIMENSIONS**
[72] HAGENBUCH, LEROY G., US
[73] HAGENBUCH, LEROY G., US
[85] 2013-07-30
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[25] EN
[54] **METHOD OF RECYCLING FRACTURING FLUIDS USING A SELF-DEGRADING FOAMING COMPOSITION**
[54] **PROCEDE DE RECYCLAGE DE LIQUIDES DE FRACTURATION METTANT EN OEUVRE UNE COMPOSITION MOUSSANTE A DECOMPOSITION AUTONOME**
[72] DAHANAYAKE, MANILAL S., US
[72] KESAVAN, SUBRAMANIAN, US
[72] COLACO, ALLWYN, US
[73] RHODIA OPERATIONS, FR
[86] (2826313)
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[25] EN
[54] **METHOD AND APPARATUS TO MAINTAIN WELDING CURRENT TO COMPENSATE FOR DETERIORATION OF WELDING CONTACT TIP**
[54] **PROCEDE ET APPAREIL POUR MAINTENIR UN COURANT DE SOUDAGE POUR COMPENSER LA DETERIORATION D'UNE POINTE DE CONTACT DE SOUDAGE**
[72] MA, TIEJUN, CA
[72] RYAN, ROBERT D., CA
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-08-08
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING A MEASURE FOR A PERCEIVED LEVEL OF REVERBERATION, AUDIO PROCESSOR AND METHOD FOR PROCESSING A SIGNAL**
[54] **APPAREIL ET PROCEDE POUR DETERMINER UNE MESURE D'UN NIVEAU DE REVERBERATION PERCU, PROCESSEUR AUDIO ET PROCEDE DE TRAITEMENT D'UN SIGNAL**
[72] UHLE, CHRISTIAN, DE
[72] PAULUS, JOUNI, DE
[72] HERRE, JUERGEN, DE
[72] PROKEIN, PETER, DE
[72] HELLMUTH, OLIVER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] US (61/448,444) 2011-03-02
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[25] EN
[54] **TWIN CLUTCH CONTROLLING APPARATUS**
[54] **APPAREIL DE COMMANDE A EMBRAYAGE DOUBLE**
[72] NAKAMURA, KAZUHIKO, US
[72] FUKAYA, KAZUYUKI, US
[72] KOJIMA, HIROYUKI, US
[72] NEDACHI, YOSHIAKI, US
[72] MORI, YASUYUKI, US
[72] HONMA, SATOSHI, US
[73] HONDA MOTOR CO., LTD., JP
[86] (2827553)
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[51] **Int.Cl. A61K 49/12 (2006.01) A61K 49/06 (2006.01) A61K 49/08 (2006.01)**
[25] EN
[54] **MRI CONTRAST AGENT FOR LYMPHOGRAPHY BASED ON IRON OXIDE NANOPARTICLES AND METHOD FOR IMAGING LYMPH NODE USING THE SAME**
[54] **AGENT DE CONTRASTE D'IRM POUR LYMPHOGRAPHIE A BASE DE NANOPARTICULES D'OXYDE DE FER ET METHODE POUR L'IMAGERIE D'UN NOEUD LYMPHATIQUE UTILISANT CELUI-CI**
[72] PARK, JU YOUNG, KR
[72] MYEONG, WAN JAE, KR
[72] JEON, BONG-SIK, KR
[72] KIM, EUNG GYU, KR
[72] KWON, EUN BYUL, KR
[72] HYEON, TAEGHWAN, KR
[72] LING, DAISHUN, KR
[73] HANWHA CHEMICAL CORPORATION, KR
[85] 2013-08-19
[86] 2012-06-20 (PCT/KR2012/004861)
[87] (WO2012/177039)
[30] KR (10-2011-0060438) 2011-06-22

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[51] **Int.Cl. C22C 38/06 (2006.01) C21D 8/02 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **BAINITE-CONTAINING-TYPE HIGH-STRENGTH HOT-ROLLED STEEL SHEET HAVING EXCELLENT ISOTROPIC WORKABILITY AND MANUFACTURING METHOD THEREOF**
[54] **PLAQUE D'ACIER A HAUTE RESISTANCE LAMINEE A CHAUD CONTENANT DE LA BAINITE AVEC UNE EXCELLENTE USINABILITE ISOTROPE, ET SON PROCEDE DE PRODUCTION**
[72] YOKOI, TATSUO, JP
[72] SHUTO, HIROSHI, JP
[72] OKAMOTO, RIKI, JP
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[54] **PROCEDES ET APPAREILS DE DIFFUSION DE BASE DE TEMPS D'UN CANAL PARMI DES UNITES D'ABONNES EN MODE DIRECT TDMA**
[72] WIATROWSKI, DAVID G., US
[72] BELMONTE, JOHN P., US
[72] CHOWDHARY, DIPENDRA M., US
[72] CHUNG, YUEH CHING, MY
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[54] **SYSTEME D'IMPACTEUR TEST MODAL ELECTRODYNAMIQUE ET METHODE ASSOCIEE**
[72] POWERS, DONALD E., US
[72] KIISKILA, JASON C., US
[73] THE BOEING COMPANY, US
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[72] RUAN, WEN, US
[73] TEXTWISE LLC, US
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[54] **STRATIFIE DE RESINE PHOTOSENSIBLE ET SON TRAITEMENT THERMIQUE**
[72] VEST, RYAN W., US
[72] RECCHIA, DAVID A., US
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[73] MACDERMID PRINTING SOLUTIONS, LLC, US
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[72] CHONG, IN SUK, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
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[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF ATTENTION DEFICIT DISORDER**
[54] **PROCEDES ET COMPOSITIONS DESTINES AU TRAITEMENT DU TROUBLE DEFICITAIRE DE L'ATTENTION**
[72] ZHANG, FENG, US
[72] LICKRISH, DAVID, KY
[73] IRONSHORE PHARMACEUTICALS & DEVELOPMENT, INC., KY
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[54] **COMPOSITIONS A BASE DE CYCLODEXTRINE, ARTICLES ET PROCEDES ASSOCIES**
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[72] KUDUK, WILLIAM J., US
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[73] CELLRESIN TECHNOLOGIES, LLC, US
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[54] **PROCEDE ET APPAREIL POUR LA DETERMINATION DE POSITION AVEC DES DONNEES D'ORBITE SPS HYBRIDES**
[72] BIACS, ZOLTAN F., US
[72] SHEYNBLAT, LEONID, US
[72] GUM, ARNOLD JASON, US
[73] QUALCOMM INCORPORATED, US
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[54] **CHANGEMENT DE L'ETAT D'UN INTERRUPTEUR PAR APPLICATION DE PUISSANCE**
[72] BONAVIDES, CLOVIS S., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MULTIPURPOSE ROTARY DEVICE AND GENERATING SYSTEM INCLUDING SAME**
[54] **DISPOSITIF ROTATIF A USAGES MULTIPLES ET SYSTEME GENERATEUR COMPORTANT CE DISPOSITIF**
[72] BAE, MYUNG SOON, KR
[73] BAE, MYUNG SOON, KR
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[54] **CONCRETE MASONRY ANCHOR AND METHOD OF FASTENING**
[54] **PIECE D'ANCRAGE DE MACONNERIE ET PROCEDE DE FIXATION**
[72] SILAS, GREGORY R., CA
[72] SILAS, MICHAEL, CA
[72] SILAS, ROBERT J., CA
[73] SILAS, MICHAEL, CA
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[54] **CYCLES AMP A RECUPERATION ELEVEE ET APPAREIL DE COMPLEXITE REDUITE**
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[54] **SYSTEM AND METHOD OF ADMINISTERING A PHARMACEUTICAL GAS TO A PATIENT**
[54] **SYSTEME ET METHODE D'ADMINISTRATION D'UN GAZ PHARMACEUTIQUE A UN PATIENT**
[72] MONTGOMERY, FREDERICK J., US
[72] BATHE, DUNCAN P.L., US
[73] INO THERAPEUTICS LLC, US
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[54] **COUSSINET POUVANT ETRE PRECONTRAINT PAR REFOULEMENT DE MATERIAU ET PALIER EQUIPE DE CE COUSSINET**
[72] MITSCH, FRANZ, DE
[73] FM ENERGIE GMBH & CO.KG, DE
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[54] **PROCEDES ET DISPOSITIFS DE LIAISON DANS UN SYSTEME D'AUTOMATISATION POUR BATIMENT**
[72] HENDRIX, JOHN A., US
[72] MCFARLAND, NORMAN R., US
[72] NASS, GEOFFREY D., US
[72] RAIMO, JEFFREY A., US
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[54] **SUBSTANCES ANTI-INFECTIEUSES A LIBERATION LENTE**
[72] BONI, LAWRENCE T., US
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[72] MALININ, VLADIMIR, US
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[54] **LENTILLES EN SILICONE HYDROGEL POURVUES DE SURFACES NANOTEXTUREES**
[72] BAUMAN, R. ERICH, US
[72] HAGMANN, PETER, DE
[72] PRUITT, JOHN DALLAS, US
[72] RAPPON, JOSEPH MICHAEL, US
[73] NOVARTIS AG, CH
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[54] **METHOD FOR PRODUCING BICYCLIC COMPOUND VIA CLAISEN REARRANGEMENT**
[54] **PROCEDE POUR PRODUIRE UN COMPOSE BICYCLIQUE VIA REARRANGEMENT DE CLAISEN**
[72] NAKAMURA, YOSHITAKA, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **METHODES ET COMPOSITIONS PROBIOTIQUES**
[72] BUDELLI, ANDREA, IT
[72] FASANO, FRANCESCA ROMANA, IT
[72] TERZANO, MIRYAM, IT
[72] BRAMATI, LORENZO, IT
[73] H.J. HEINZ COMPANY, US
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[54] **SYSTEMES ET PROCEDES DE GESTION DYNAMIQUE DES CAPACITES POUR LES DISPOSITIFS DE SURVEILLANCE RESEAU**
[72] MORELLE, CYRILLE, US
[72] CHANG, PAUL KER CHIN, US
[73] VEEX INC., US
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[72] WOLNER, J. THOMAS, US
[72] CASEBOLT, SCOTT C., US
[72] DE LAPEYRIERE, DAMIEN, FR
[72] BRYANT, CHARLES C., US
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[54] **PROCEDE DE RECUPERATION DE PETROLE AVEC FLUIDE THERMIQUE MULTICOMPOSANT A COMPOSITION REGLABLE**
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[72] YU, GUIMIN, CN
[72] LIU, HAITAO, CN
[72] JIANG, JIE, CN
[72] LIN, TAO, CN
[72] MA, ZENGHUA, CN
[72] SUN, YUBAO, CN
[72] LIU, HUAJUN, CN
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[73] CHINA OILFIELD SERVICES LIMITED, CN
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[72] LIN, PETER YAU-TAK, US
[72] BACK, DEBORAH JEAN, US
[72] APPLEBY, DONALD BENJAMIN, US
[72] ROBERTSON, JAMES M., US
[72] BAKER, STEVEN ROBERT, US
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[54] **PROCEDE DE PREPARATION DU PROPIONATE DE FLUTICASONE, FORME 1**
[72] TICEHURST, MARTYN DAVID, GB
[72] MARZIANO, IVAN, GB
[72] KOUGOULOS, ELEFTHERIOS, US
[73] PFIZER LIMITED, GB
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[54] **HIGH-PURITY ERBIUM, SPUTTERING TARGET AND METAL GATE FILM COMPRISING IT AND METHOD FOR ITS PRODUCTION**
[54] **ERBIUM TRES PUR, CIBLE DE PULVERISATION CATHODIQUE ET PELLICULE DE PORTE METALLIQUE EN REFERMANT, ET METHODE DE PRODUCTION ASSOCIEE**
[72] TAKAHATA, MASAHIRO, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
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[72] GHANNOUM, ZIAD R., US
[72] SUSSMAN, GLENN ROBERT, US
[73] ALCON RESEARCH, LTD., US
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[54] **DISPOSITIF MULTIFONCTIONS POUR ATTERRISSEURS**
[72] SCHMIDT, ROBERT KYLE, FR
[72] ALLEAU, JEAN-LUC, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[54] **FORMATION D'UN MOULE POUR LE MOULAGE DE L'ACIER**
[72] BAUER, TONY, US
[72] CALLAHAN, THOMAS, US
[73] AMSTED RAIL COMPANY, INC., US
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[54] **AN HVAC SYSTEM HAVING A DIAGNOSTICS CONTROLLER ASSOCIATED THEREWITH**
[54] **SYSTEME CVCA AYANT UN CONTROLEUR DE DIAGNOSTIC ASSOCIE A CELUI-CI**
[72] DOUGLAS, JONATHAN, US
[72] THOMAS, HERMAN M., US
[73] LENNOX INDUSTRIES INC., US
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[54] **DISPOSITIF D'ATTELAGE D'UN ACTIONNEUR DE MANOEUVRE D'UN ATTERRISSEUR D'AERONEF**
[72] BLANPAIN, THIERRY, FR
[72] DUCOS, DOMINIQUE, FR
[72] CAMPBELL, EDOUARD, FR
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[54] **PROCESS FOR PURIFYING A STREAM COMPRISING 1,4-BUTANEDIOL**
[54] **PROCEDE POUR LA PURIFICATION D'UN COURANT COMPRENANT DU 1,4-BUTANEDIOL**
[72] REED, GRAHAM, GB
[72] GORDON, PAUL, GB
[73] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
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[54] **PYRROLOPYRIMIDINE AND PURINE DERIVATIVES**
[54] **DERIVES DE PYRROLOPYRIMIDINE ET DE PURINE**
[72] CHENG, HENGMIAO, US
[72] JOHNSON JR., THEODORE OTTO, US
[72] KATH, JOHN CHARLES, US
[72] LIU, KEVIN KUN-CHIN, CN
[72] LUNNEY, ELIZABETH ANN, US
[72] NAGATA, ASAKO, US
[72] NAIR, SAJIV KRISHNAN, US
[72] PLANKEN, SIMON PAUL, US
[72] SUTTON, SCOTT CHANNING, US
[73] PFIZER INC., US
[85] 2014-03-03
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[54] **ELECTRONIC TIMEPIECE**
[54] **COMPTEUR DE TEMPS ELECTRONIQUE**
[72] MANKOWSKI, PETER, CA
[72] GERIS, RYAN ALEXANDER, CA
[72] WENNEMER, DIETMAR FRANK, CA
[72] ALLEN, AARON ROBERT, US
[72] KYOWSKI, TIMOTHY HERBERT, CA
[73] BLACKBERRY LIMITED, CA
[86] (2847645)
[87] (2847645)
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[25] EN
[54] **RECESSED LIGHT FIXTURE WITH TWO AXIS ROTATIONAL ARM**
[54] **LUMINAIRE ENCASTRE A BRAS ROTATIF A DEUX AXES**
[72] HIGHBRIDGE, DOUG, US
[73] RAB LIGHTING, INC., US
[86] (2847752)
[87] (2847752)
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[25] EN
[54] **ADJUSTABLE AUXILIARY BRAKE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE FREINAGE AUXILIAIRE REGLABLE**
[72] MIAO, SIMAN, CA
[73] MIAO, SIMAN, CA
[86] (2848766)
[87] (2848766)
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[54] **INTERNAL GASTRIC BANDER FOR OBESITY**
[54] **ANNEAU GASTRIQUE INTERNE UTILISE POUR LE TRAITEMENT DE L'OBESITE**
[72] MENZEL, THOMAS E., US
[73] MENZEL, THOMAS E., US
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[25] EN
[54] **DIAGNOSTIC METHOD FOR DETECTING CONTROL VALVE COMPONENT FAILURE**
[54] **PROCEDE DE DIAGNOSTIC PERMETTANT DE DETECTER UNE PANNE D'UN COMPOSANT DE SOUPAPE DE COMMANDE**
[72] WILKE, GALEN DALE, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **MOVEABLE MOUNTING PLATE FOR FURNITURE HINGES**
[54] **PLAQUE DE MONTAGE MOBILE POUR CHARNIERE DE MEUBLE**
[72] DUBACH, FREDI, CH
[73] JULIUS BLUM GMBH, AT
[85] 2014-03-19
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[54] **METHOD FOR PREPARING 1-(4-(4-(3,4-DICHLORO-2-FLUOROPHENYLAMINO)-7-METHOXYQUINAZOLIN-6-YLOXY)PIPERIDIN-1-YL)-PROP-2-EN-1-ONE HYDROCHLORIDE AND INTERMEDIATES USED THEREIN**
[54] **PROCEDE DE PREPARATION DU CHLORHYDRATE DE 1-(4-(4-(3,4-DICHLORO-2-FLUOROPHENYLAMINO)-7-METHOXYQUINAZOLIN-6-YLOXY)PIPERIDIN-1-YL)-PROP-2-EN-1-ONE ET INTERMEDIAIRES UTILISES AU COURS DUDIT PROCEDE DE PREPARATION**
[72] BANG, KEUK CHAN, KR
[72] MOON, YOUNG HO, KR
[72] CHANG, YOUNG KIL, KR
[73] HANMI SCIENCE CO., LTD., KR
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[54] **SELF-COMPETITIVE PRIMER AND METHOD OF USE**
[54] **AMORCE AUTO-COMPETITIVE ET SON PROCEDE D'UTILISATION**
[72] HUANG, JR-KAI, CN
[72] CHEN, CHI-KUAN, CN
[72] WANG, TAO-YEUAN, CN
[73] MACKAY MEMORIAL HOSPITAL, TW
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[25] EN
[54] **METHOD FOR SEA FLOOR DRILLING USING HAGFISH SLIME AS DRILLING FLUID ADDITIVE**
[54] **PROCEDE DE FORAGE DU FOND DE L'OCEAN A L'AIDE DE BOUE DE MYXINE COMME ADDITIF DE FLUIDE DE FORAGE**
[72] GREGG, JOHN, US
[73] GREGG DRILLING & TESTING, INC., US
[85] 2014-04-08
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[54] **PLANT DIACYLGLYCEROL ACYLTRANSFERASES**
[54] **DES DIACYLGLYCEROL ACYLTRANSFEASE VEGETALE**
[72] BUTLER, KARLENE H., US
[72] CAHOON, REBECCA E., US
[72] CAHOON, EDGAR B., US
[72] KINNEY, ANTHONY J., US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[87] (2851896)
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[51] **Int.Cl. A61M 3/02 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **MEDICAL SPRAYING DEVICE WITH PRESSURE RELIEF VALVE, AND METHOD FOR PRODUCING A SPRAY CONE**
[54] **DISPOSITIF DE VAPORISATION MEDICALE AVEC SOUPAPE DE SURPRESSION ET PROCEDE DE PRODUCTION D'UN CONE DE PULVERISATION**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2852352)
[87] (2852352)
[22] 2014-05-20
[30] DE (10 2013 210 511.8) 2013-06-06

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[51] **Int.Cl. A61M 3/02 (2006.01)**
[25] EN
[54] **MEDICAL SPRAYING DEVICE WITH PRESSURE REDUCTION VALVE, AND METHOD FOR PRODUCING A SPRAY CONE**
[54] **DISPOSITIF DE VAPORISATION MEDICALE A SOUPAPE DE REDUCTION DE PRESSION ET PROCEDE POUR PRODUIRE UN CONE DE PULVERISATION**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2852508)
[87] (2852508)
[22] 2014-05-20
[30] DE (10 2013 210 519.3) 2013-06-06

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[51] **Int.Cl. B60K 13/02 (2006.01)**
[25] EN
[54] **AIR CLEANER DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE NETTOYAGE D'AIR POUR VEHICULE**
[72] ABE, RYUICHI, JP
[72] KINOSHITA, RYOSUKE, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2852509)
[87] (2852509)
[22] 2014-05-28
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[25] EN
[54] **SYMMETRICAL TEST ELEMENT FOR DETECTING AN ANALYTE**
[54] **ELEMENT D'ANALYSE SYMETRIQUE POUR DETECTION D'ANALYTE**
[72] RUECKERT, FRANK, DE
[72] THOES, BRUNO, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-04-16
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[51] **Int.Cl. B64C 3/58 (2006.01) B23P 19/00 (2006.01) B64C 3/50 (2006.01)**
[25] EN
[54] **FLAP ROLLER ARRANGEMENT, FLAP ASSEMBLY, AND METHOD FOR REMOVING A ROLLER ASSEMBLY FROM A FLAP FITTING**
[54] **AGENCEMENT DE ROULEAUX D'AILERON, ENSEMBLE D'AILERON ET PROCEDE POUR RETIRER UN ENSEMBLE DE ROULEAUX A PARTIR D'UN RACCORD D'AILERON**
[72] GRIECO, JAMES R., US
[72] PAKHLEVANYAN, GARY, US
[73] GULFSTREAM AEROSPACE CORPORATION, US
[85] 2014-04-17
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[51] **Int.Cl. F01M 1/16 (2006.01) F01M 1/02 (2006.01)**
[25] EN
[54] **OIL PUMP CONTROL VALVE**
[54] **SOUPAPE DE COMMANDE DE POMPE A HUILE**
[72] LEE, CHANG HOON, KR
[72] ROH, EUI DONG, KR
[72] PARK, JI HOON, KR
[73] UNICK CORPORATION, KR
[85] 2014-04-30
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[54] **WATER INTAKE DEVICE**
[54] **DISPOSITIF D'ADMISSION D'EAU**
[72] KURITA, HIDEMI, JP
[73] KOA CORPORATION, JP
[73] KURITA, HIDEMI, JP
[85] 2014-05-07
[86] 2012-11-05 (PCT/JP2012/078643)
[87] (WO2013/069610)
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[54] **METHOD AND DEVICE FOR REPAIRING PIPING**
[54] **METHODE ET DISPOSITIF DE REPARATION DE CONDUITE**
[72] D'HULSTER, GERALD, US
[72] GOULD, JAMES, US
[73] PERMA-LINER INDUSTRIES, LLC, US
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[25] EN
[54] **KEY AGREEMENT PROTOCOL FOR GENERATING A SHARED SECRET KEY FOR USE BY A PAIR OF ENTITIES IN A DATA COMMUNICATION SYSTEM**
[54] **PROTOCOLE D'ENTENTE PRINCIPALE DESTINE A GENERER UNE CLE SECRETE PARTAGEE UTILISEE PAR UNE PAIRE D'ENTITES DANS UN SYSTEME DE COMMUNICATION DE DONNEES**
[72] VANSTONE, SCOTT A., CA
[72] ANTIPA, ADRIAN, CA
[73] INFOSEC GLOBAL INC., CA
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[87] (2855099)
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[51] **Int.Cl. C09D 5/00 (2006.01)**
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[54] **METHOD OF MITIGATING ICE BUILD-UP ON A SUBSTRATE**
[54] **PROCEDE D'ATTENUATION DE L'ACCUMULATION DE GLACE SUR UN SUBSTRAT**
[72] CONNELLY, BRUCE A., US
[72] RAKIEWICZ, EDWARD F., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] ZALICH, MICHAEL A., US
[72] MORAVEK, SCOTT J., US
[72] VALENTA, JANE N., US
[72] ZAWACKY, STEVEN R., US
[73] PPG INDUSTRIES OHIO, INC., US
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[86] 2012-11-30 (PCT/US2012/067242)
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[30] US (61/566,077) 2011-12-02
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[54] **METHOD OF MITIGATING ICE BUILD-UP ON A SUBSTRATE**
[54] **PROCEDE PERMETTANT DE LIMITER L'ACCUMULATION DE GLACE SUR UN SUBSTRAT**
[72] MORAVEK, SCOTT J., US
[72] RAKIEWICZ, EDWARD F., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] ZALICH, MICHAEL A., US
[72] VALENTA, JANE N., US
[73] PPG INDUSTRIES OHIO, INC., US
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[86] 2012-11-30 (PCT/US2012/067262)
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[54] **TOILET FIXTURE WITH DIRECTIONAL JET FLOW**
[54] **TOILETTE A JET D'EAU DIRECTIONNEL**
[72] BUSH, SHAWN D., US
[73] SDB IP HOLDINGS, LLC, US
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[54] **PROCESS FOR PREPARATION OF OPTICALLY ACTIVE DIAMINE DERIVATIVE SALT**
[54] **PROCEDE POUR LA PREPARATION DE SEL DERIVE DE DIAMINE OPTIQUEMENT ACTIF**
[72] KAWANAMI, KOUTAROU, JP
[72] ISHIKAWA, HIDEAKI, JP
[72] SHOJI, MASAHIRO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[86] (2859191)
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[62] 2,804,262
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[54] **ADJUSTABLE FIXATOR**
[54] **SYSTEME DE FIXATION AJUSTABLE**
[72] LANGMAID, MICHAEL N., US
[72] MAUGHAN, THOMAS JOSEPH, US
[72] ROTH, CHRISTOPH ANDREAS, US
[72] MAZZIO, MICHAEL C., US
[73] DEPUY SYNTHES PRODUCTS, LLC, US
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[87] (2861456)
[22] 2002-10-08
[62] 2,771,048
[30] US (60/327,294) 2001-10-09
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[51] **Int.Cl. H05B 6/80 (2006.01) F16L 53/00 (2006.01)**
[25] EN
[54] **HYDROCARBON FLUID PIPELINE INCLUDING RF HEATING STATION AND RELATED METHODS**
[54] **PIPELINE DE FLUIDE HYDROCARBURE COMPRENANT UNE STATION DE CHAUFFAGE RF ET PROCEDES ASSOCIES**
[72] BLUE, MARK ERNEST, US
[72] JACKSON, RONALD EDWARD, JR., US
[72] OTTOMANELLI, MICHAEL JOSEPH, US
[72] GEORGE, DONALD S., US
[73] HARRIS CORPORATION, US
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[30] US (13/414,228) 2012-03-07

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[54] **CAST STEEL RAILWAY WHEEL**
[54] **ROUE FERROVIAIRE EN ACIER COULE**
[72] SCHUMACHER, JON, US
[73] AMSTED RAIL COMPANY, INC., US
[85] 2014-07-25
[86] 2012-08-13 (PCT/US2012/050523)
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[51] **Int.Cl. B29C 45/56 (2006.01) B29C 45/17 (2006.01) B29C 45/26 (2006.01)**
[25] EN
[54] **MOLD AND METHOD FOR MOLDING PARTS REQUIRING MULTIPLE MOLD INPUTS**
[54] **MOULE ET PROCEDE DE MOULAGE DE PIECES DEMANDANT DE MULTIPLES ENTREES DE MOULE**
[72] GEIBEL, MARTEL B., JR., US
[73] CACO PACIFIC CORPORATION, US
[85] 2014-07-08
[86] 2012-06-18 (PCT/US2012/042908)
[87] (WO2013/119269)
[30] US (13/367,668) 2012-02-07

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[51] **Int.Cl. B64C 25/50 (2006.01) F16J 1/00 (2006.01) F16J 1/01 (2006.01) F16J 1/16 (2006.01)**
[25] FR
[54] **RACK STEERING CONTROL PISTON**
[54] **PISTON POUR COMMANDE D'ORIENTATION A CREMAILLERE**
[72] FARCY, MARC, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2014-08-05
[86] 2013-02-06 (PCT/EP2013/052357)
[87] (WO2013/117607)
[30] FR (1251190) 2012-02-08

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[25] EN
[54] **PERIPHERAL OPIOID RECEPTOR ANTAGONISTS AND USES THEREOF**
[54] **ANTAGONISTES DE RECEPTEURS OPIOIDES PERIPHERIQUES, ET LEURS UTILISATIONS**
[72] AVEY, ALFRED A., US
[72] CHANDRASEKARAN, APPAVU, US
[72] DOSHAN, HAROLD D., US
[72] PEREZ, JULIO, US
[72] ROTSHTEYN, YAKOV, US
[73] PROGENICS PHARMACEUTICALS, INC., US
[73] WYETH LLC, US
[86] (2865661)
[87] (2865661)
[22] 2008-03-28
[62] 2,682,125
[30] US (60/921,123) 2007-03-29

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[51] **Int.Cl. H04L 12/66 (2006.01) H04B 10/27 (2013.01) H04L 7/00 (2006.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **AN INVERTED PASSIVE OPTICAL NETWORK/INVERTED PASSIVE ELECTRICAL NETWORK (IPON/IPEN) BASED DATA FUSION AND SYNCHRONIZATION SYSTEM**
[54] **SYSTEME DE FUSION ET DE SYNCHRONISATION DE DONNEES BASE SUR UN RESEAU OPTIQUE PASSIF INVERSE/RESEAU ELECTRIQUE PASSIF INVERSE (IPON/IPEN)**
[72] JAMIESON, JOHN, US
[72] MURRAY, JOSEPH, US
[72] JOHNSON, GREGG, US
[72] CAPLAN, SYLVAN L., US
[73] 3 PHOENIX, INC., US
[86] (2866063)
[87] (2866063)
[22] 2006-03-02
[62] 2,599,365
[30] US (60/657,424) 2005-03-02

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[13] C
[51] **Int.Cl. C08B 1/12 (2006.01) A61K 9/51 (2006.01) A61K 47/36 (2006.01) C08B 11/12 (2006.01) C08B 37/00 (2006.01) C08B 37/02 (2006.01) C08B 37/08 (2006.01) C08L 1/28 (2006.01) C08L 5/02 (2006.01) C08L 5/08 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF POLYSACCHARIDE NANOPARTICLES**
[54] **PROCEDE POUR LA PREPARATION DE NANOPARTICULES DE POLYSACCHARIDE**
[72] CIACH, TOMASZ, PL
[72] WASIAK, IGA, PL
[73] NANOVELOS SP. Z O.O., PL
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[54] **APPAREIL D'ENTRETIEN DE PELOUSE**
[72] FRANCIS, THOMAS J., US
[73] FRANCIS, THOMAS J., US
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[25] EN
[54] **WASHABLE INTELLIGENT GARMENT AND COMPONENTS THEREOF**
[54] **VETEMENT INTELLIGENT LAVABLE ET SES COMPOSANTS**
[72] FOURNIER, PIERRE-ALEXANDRE, CA
[72] ROY, JEAN-FRANCOIS, CA
[72] ROBILLARD, CHARLES, CA
[72] GAGNON, STEPHAN, CA
[73] CARRE TECHNOLOGIES INC., CA
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[54] **APPLICATOR FOR SURGICAL CLIPS**
[54] **APPLICATEUR POUR AGRAFES CHIRURGICALES**
[72] MILES, DESMOND JOHN, GB
[72] BRIANT, JOHN PHILIP, GB
[72] STREETER, ADRIAN JOHN, GB
[72] JOHN, JAMES DANIEL, GB
[72] MCDERMENT, IAIN GRIERSON, GB
[72] HARRISON, NICK, GB
[72] EDDINGTON, ROBIN, GB
[73] FEMCARE-NIKOMED LTD., GB
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[25] EN
[54] **4'-AZIDO,3'-FLUORO SUBSTITUTED NUCLEOSIDE DERIVATIVES AS INHIBITORS OF HCV RNA REPLICATION**
[54] **DERIVES NUCLEOSIDIQUES 4'-AZIDO, 3'-FLUORO SUBSTITUES EN TANT QU'INHIBITEURS DE LA REPLICATION DE L'ARN DU VHC**
[72] SMITH, MARK, US
[72] TALAMAS, FRANCISCO XAVIER, US
[72] ZHANG, JING, US
[72] ZHANG, ZHUMING, US
[73] RIBOSCIENCE LLC, US
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[54] **NOVEL FORMS OF CDDO METHYL ESTER**
[54] **NOUVELLES FORMES D'ESTER METHYLIQUE DE CDDO**
[72] WALLING, JOHN, US
[72] PARENT, STEPHAN D., US
[72] JONAITIS, DAVID T., US
[72] KRAL, ROBERT M., US
[73] REATA PHARMACEUTICALS, INC., US
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[25] FR
[54] **ROTORCRAFT EQUIPPED WITH AN ANTI-TORQUE REAR ROTOR, SELECTIVELY PARTICIPATING IN LIFT AND PROPULSION IN TRANSLATION OF THE ROTORCRAFT**
[54] **GIRAVION EQUIPE D'UN ROTOR ARRIERE ANTI-COUPLE PARTICIPANT SELECTIVEMENT A LA SUSTENTATION ET A LA PROPULSION EN TRANSLATION DU GIRAVION**
[72] PRUD'HOMME-LACROIX, PIERRE, FR
[72] BISTUER, OLIVIER, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2872810)
[87] (2872810)
[22] 2014-11-28
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[54] **STRUCTURE WITH ACTIVE ACOUSTIC OPENINGS**
[54] **STRUCTURE AVEC OUVERTURES ACOUSTIQUES ACTIVES**
[72] ICHIHASHI, FUMITAKA, US
[73] HEXCEL CORPORATION, US
[85] 2014-11-06
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[25] EN
[54] **JUICE EXTRACTION MODULE FOR JUICER**
[54] **MODULE D'EXTRACTION DE JUS POUR APPAREIL D'EXTRACTION DE JUS**
[72] KIM, JONG BOO, KR
[73] NUC ELECTRONICS CO., LTD., KR
[73] KIM, JI TAE, KR
[85] 2014-05-27
[86] 2013-10-30 (PCT/KR2013/009697)
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[25] EN
[54] **MECHANISM FOR RECEIVING ROCKET-TRANSPORTING DEVICES FOR A ROCKET LAUNCH SYSTEM**
[54] **MECANISME SERVANT A RECEVOIR DES DISPOSITIFS DE TRANSPORT DE FUSEE POUR UN SYSTEME DE LANCEMENT DE FUSEE**
[72] CHIN, HOWARD M., JM
[72] CARRAHA, KIMBERLY A., US
[73] CHIN, HOWARD M., JM
[73] CARRAHA, KIMBERLY A., US
[86] (2875430)
[87] (2875430)
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[25] EN
[54] **LIFT RING ASSEMBLY FOR A ROCKET LAUNCH SYSTEM**
[54] **ENSEMBLE ANNEAU DE LEVAGE POUR UN SYSTEME DE LANCEMENT DE FUSEE**
[72] CHIN, HOWARD M., JM
[72] CARRAHA, KIMBERLY A., US
[73] CHIN, HOWARD M., JM
[73] CARRAHA, KIMBERLY A., US
[86] (2875466)
[87] (2875466)
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[25] EN
[54] **ROCKET TRANSPORTING SYSTEM FOR A ROCKET LAUNCH SYSTEM**
[54] **SYSTEME DE TRANSPORT DE FUSEE POUR UN SYSTEME DE LANCEMENT DE FUSEE**
[72] CHIN, HOWARD M., JM
[72] CARRAHA, KIMBERLY A., US
[73] CHIN, HOWARD M., JM
[73] CARRAHA, KIMBERLY A., US
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[87] (2875469)
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[25] EN
[54] **CARRIAGE FOR TRANSPORTING A ROCKET IN A ROCKET LAUNCH SYSTEM**
[54] **CHARIOT POUR TRANSPORTER UNE FUSEE DANS UN SYSTEME DE LANCEMENT DE FUSEE**
[72] CHIN, HOWARD M., JM
[72] CARRAHA, KIMBERLY A., US
[73] CHIN, HOWARD M., JM
[73] CARRAHA, KIMBERLY A., US
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[25] EN
[54] **PARK BRAKE CONTROL ASSEMBLY**
[54] **ENSEMBLE DE COMMANDE DE FREIN DE STATIONNEMENT**
[72] COLE, ANDREW, AU
[73] FAIVELEY TRANSPORT AUSTRALIA LTD, AU
[85] 2014-12-08
[86] 2013-06-06 (PCT/AU2013/000602)
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[30] AU (2012902382) 2012-06-07
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[25] EN
[54] **INSTRUCTION SYSTEM FOR DISCONNECTING GAS SUPPLY AND METHOD**
[54] **SYSTEME D'INSTRUCTION DE COUPURES D'ALIMENTATION DE GAZ ET PROCEDE D'INSTRUCTION DE COUPURES D'ALIMENTATION DE GAZ**
[72] WADA, SHINJI, JP
[72] DEKAMO, SHINGO, JP
[73] NIPPON GAS CO., LTD., JP
[85] 2014-12-30
[86] 2013-07-04 (PCT/JP2013/004163)
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO DETERMINING INTER-PREDICTION REFERENCE PICTURE LIST DEPENDING ON BLOCK SIZE**
[54] **PROCEDE ET APPAREIL PERMETTANT UN CODAGE VIDEO AINSI QUE PROCEDE ET APPAREIL PERMETTANT UN DECODAGE VIDEO POUR DETERMINER UNE LISTE D'IMAGES DE REFERENCE POUR UNE PREDICTION INTER EN FONCTION DE LA TAILLE DES BLOCS**
[72] KIM, CHAN-YUL, KR
[72] LEE, TAMMY, KR
[72] ALSHINA, ELENA, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-12-30
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[54] **ACRYLAMIDE COMPOUNDS AS HISTAMINE H3 RECEPTOR LIGANDS**
[54] **COMPOSES ACRYLAMIDES UTILISES COMME LIGANDS DES RECEPTEURS H3 A L'HISTAMINE**
[72] NIROGI, RAMAKRISHNA, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] DWARAMPUDI, ADI REDDY, IN
[72] JASTI, VENKATESWARLU, IN
[73] SUVEN LIFE SCIENCES LIMITED, IN
[85] 2014-12-31
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[54] **EXHAUST HEAT RECOVERY DEVICE**
[54] **APPAREIL DE RECUPERATION DE CHALEUR DE GAZ D'ECHAPPEMENT**
[72] KOBAYASHI, ARATA, JP
[72] OKAMI, HIROHISA, JP
[73] FUTABA INDUSTRIAL CO., LTD., JP
[85] 2014-12-31
[86] 2013-07-19 (PCT/JP2013/069633)
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[25] EN
[54] **ATTENUATING OSCILLATIONS IN FLOCCULANT SOLUTION FLOW IN FINE TAILINGS DEWATERING OPERATION**
[54] **ATTENUATION DES OSCILLATIONS DU DEBIT DE SOLUTION DE FLOCULANT DANS UNE OPERATION DE DESHYDRATATION DE RESIDUS FINS**
[72] BUGG, TREVOR, CA
[72] SANCHEZ, ANA, CA
[72] REVINGTON, ADRIAN, CA
[72] MACAULAY, JAMES PATRICK, CA
[73] SUNCOR ENERGY INC., CA
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[54] **HYPER-PRESSURE PULSE EXCAVATOR**
[54] **EXCAVATRICE A IMPULSIONS A HYPERPRESSION**
[72] KOLLE, JACK J., US
[73] TEMPRESS TECHNOLOGIES, INC., US
[85] 2015-01-26
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[54] **INTRAUTERINE DEPOSIT**
[54] **DEPOT INTRA-UTERIN**
[72] DE GRAAFF, WOUTER, NL
[72] VEENSTRA, HARM, NL
[72] MULDERS, TITIA, NL
[73] MERCK SHARP & DOHME B.V., NL
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[25] EN
[54] **GROUND-ENGAGING TRACK SYSTEM, LINK FOR A TRACK CHAIN, AND METHOD**
[54] **SYSTEME DE CHENILLE ENTRANT EN PRISE AVEC LE SOL, MAILLON POUR UNE CHAINE DE CHENILLE ET PROCEDE**
[72] BREWER, CAROLINE MARIE, US
[72] XAVIER, MARTIN TAGORE JOSEPH, IN
[72] STEINER, KEVIN, US
[72] AKINLUA, TEMITOPE OLAYEMI, US
[72] HASSELBUSCH, MICHAEL, US
[72] NENNE, TIMOTHY MICHAEL, US
[73] CATERPILLAR INC., US
[85] 2015-02-18
[86] 2013-09-26 (PCT/US2013/061915)
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[25] EN
[54] **TRAVELING CONTROL DEVICE FOR INDUSTRIAL VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE DEPLACEMENT POUR VEHICULE INDUSTRIEL**
[72] KOIDE, YUKIKAZU, JP
[72] KATO, NORIHIKO, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[86] (2884512)
[87] (2884512)
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[25] EN
[54] **PARALLEL KINEMATIC MECHANISM AND BEARINGS AND ACTUATORS THEREOF**
[54] **MECANISME CINEMATIQUE PARALLELE ET SES ROULEMENTS ET ACTIONNEURS**
[72] KROUGLICOF, NICK, CA
[72] RAHMAN, TAUFIQUR, CA
[72] MACNEIL, LEVI, CA
[72] MORGAN, MICHAEL, CA
[72] PANSARE, NIKHIL, CA
[72] HICKS, DION, CA
[72] ROBERTS, MATTHEW, CA
[73] MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CA
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[25] EN
[54] **VEHICLE ROLL ANGLE ESTIMATION DEVICE**
[54] **DISPOSITIF D'ESTIMATION D'ANGLE D'INCLINAISON DE VEHICULE**
[72] OKOSHI, SATORU, JP
[72] TAKENAKA, TORU, JP
[72] SHIROKURA, SHINYA, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2884996)
[87] (2884996)
[22] 2015-03-11
[30] JP (2014-067148) 2014-03-27

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[51] **Int.Cl. H04W 16/18 (2009.01) H04W 24/10 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NETWORK MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE RESEAU**
[72] STAMOULIS, ANASTASIOS, US
[72] CHAKRABARTI, ARNAB, US
[72] LIN, DEXU, US
[72] AZARIAN YAZDI, KAMBIZ, US
[72] JI, TINGFANG, US
[73] QUALCOMM INCORPORATED, US
[86] (2885051)
[87] (2885051)
[22] 2009-07-24
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[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **COMMERCIAL EMAIL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE COURRIEL COMMERCIAL**
[72] GRAHAM, TIMOTHY SCOTT, CA
[72] GILSON, ALAN JAMES, CA
[73] OTC SYSTEMS LTD., CA
[86] (2887193)
[87] (2887193)
[22] 2015-04-01
[30] US (14/667,334) 2015-03-24

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[51] **Int.Cl. G01T 1/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FAST DETERMINATION OF UNKNOWN RADIATION DOSE**
[54] **PROCEDE ET APPAREIL POUR LA DETERMINATION RAPIDE D'UNE DOSE D'IRRADIATION INCONNUE**
[72] AKSELROD, MARK S., US
[72] DILLIN, KENT J., US
[73] LANDAUER, INC., US
[86] (2888852)
[87] (2888852)
[22] 2013-06-21
[62] 2,874,240
[30] US (61/663,223) 2012-06-22
[30] US (61/663,241) 2012-06-22
[30] US (13/923,402) 2013-06-21

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 45/00 (2006.01) E21B 47/00 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHOD TO DETECT DRILLING DYSFUNCTIONS**
[54] **PROCEDE DE DETECTION DE DYSFONCTIONNEMENTS DE FORAGE**
[72] WANG, LEI, US
[72] BAILEY, JEFFREY R., US
[72] O'DONNELL, BRIAN J., US
[72] CHANG, DAR-LON, US
[72] PAYETTE, GREGORY S., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-05-07
[86] 2013-10-22 (PCT/US2013/066210)
[87] (WO2014/078027)
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[51] **Int.Cl. H01L 33/48 (2010.01) F21V 29/00 (2015.01)**
[25] EN
[54] **LED LIGHT APPARATUS**
[54] **APPAREIL D'ECLAIRAGE A DEL**
[72] KACHALA, MICHAEL, US
[73] HINKLEY LIGHTING, INC., US
[85] 2015-05-01
[86] 2013-11-06 (PCT/US2013/068772)
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[30] US (61/722,835) 2012-11-06
[30] US (13/889,481) 2013-05-08

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[25] EN
[54] **FLAT RACK**
[54] **RATELIER PLAT**
[72] ETCHEGARY, GLENN, CA
[72] PORTER, DAVID, CA
[73] OCEANEX INC., CA
[85] 2015-06-01
[86] 2012-12-12 (PCT/CA2012/001149)
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[13] C
[51] **Int.Cl. F22B 37/02 (2006.01) G01B 17/02 (2006.01) G01N 29/04 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING THICKNESS OF BOILER WATER TUBE**
[54] **PROCEDE DE MESURE DE L'EPAISSEUR D'UN TUBE D'EAU DE CHAUDIERE**
[72] OGUMA, NOBUHIRO, JP
[72] HIROSE, SHIMPEI, JP
[72] SYOJI, KAZUYA, JP
[72] NAKAMURA, MASATOSHI, JP
[72] YASUDA, YASUO, JP
[73] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2015-06-09
[86] 2014-02-06 (PCT/JP2014/052746)
[87] (WO2015/001812)
[30] JP (2013-138994) 2013-07-02

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[54] **SYSTEME ET PROCEDE DE COMMUNICATIONS UNIFIEES**
[72] RAND, JAMES S., CA
[73] RAND, JAMES S., CA
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[54] **ARTICLES DE FABRICATION LIBERANT UN INGREDIENT ACTIF**
[72] THEBERGE, KARINE, CA
[72] GOUDREAULT, ISABELLE, CA
[72] QUIRION, FRANCOIS, CA
[72] PERRON, GERALD, CA
[73] BIOMOD CONCEPTS INC., CA
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[54] **GAS COMPENSATED RECOILLESS LIQUID DISRUPTER**
[54] **DEVIATEUR DE LIQUIDE SANS RECUL COMPENSE AU GAZ**
[72] DEY, RUDRA KINKAR, CA
[73] PROPARMS LTD., CA
[86] (2899643)
[87] (2899643)
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[54] **PASS-THROUGH TEST DEVICE**
[54] **DISPOSITIF DE TEST EN TRANSIT**
[72] NADEAU, SYLVAIN, CA
[72] PRIEUR, SEBASTIEN, CA
[72] LAPIERRE, DOMINIC, CA
[73] EXFO INC., CA
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[54] **FLUID PRESSURE PULSE GENERATING APPARATUS AND METHOD OF USING SAME**
[54] **APPAREIL DE PRODUCTION D'IMPULSIONS DE PRESSION DE FLUIDE ET METHODE D'UTILISATION DE CELUI-CI**
[72] LIU, JILI, CA
[72] SWITZER, DAVID A., CA
[72] LOGAN, AARON W., CA
[73] EVOLUTION ENGINEERING INC., CA
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[54] **MUSICAL CHAIR GREETING CARD**
[54] **CARTE DE SOUHAITS EN FORME DE CHAISE MUSICALE**
[72] NELSON, GARY, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2904942)
[87] (2904942)
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[25] EN
[54] **WOOD PULP FOR GLASS PLATE-INTERLEAVING PAPER AND GLASS PLATE-INTERLEAVING PAPER**
[54] **PATE DE BOIS POUR PAPIER D'INSERTION ENTRE PLAQUES DE VERRE, ET PAPIER D'INSERTION POUR PLAQUE DE VERRE**
[72] ASAI, YASUHIKO, JP
[72] AKAHORI, SHINICHI, JP
[72] HIRASAWA, TOMOKI, JP
[72] TOMOTAKE, YOSHIAKI, JP
[73] TOKUSHU TOKAI PAPER CO., LTD., JP
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[87] (2907248)
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[72] NAKASONE, KAZUO, JP
[73] NAKASONE, KAZUO, JP
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[54] **BROADHEAD**
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[72] MALLO, JORGE E., US
[73] MALLO, JORGE E., US
[86] (2913672)
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[54] **WEAR APPARATUS FOR GRINDING ROLLS AND METHODS THEREOF**
[54] **APPAREIL D'USURE POUR ROULEAUX DE MEULAGE ET PROCEDES ASSOCIES**
[72] POWNELL, EDWARD JAMES, US
[72] ROMAN, NICHOLAS, US
[72] UDY, DAVID, US
[73] FLSMIDTH A/S, DK
[85] 2015-12-23
[86] 2013-09-27 (PCT/US2013/062072)
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[25] EN
[54] **PARALLEL KINEMATIC MECHANISM AND BEARINGS AND ACTUATORS THEREOF**
[54] **MECANISME CINEMATIQUE PARALLELE ET SES ROULEMENTS ET ACTIONNEURS**
[72] KROUGLICOF, NICK, CA
[72] RAHMAN, TAUFIQUR, CA
[72] MACNEIL, LEVI, CA
[72] MORGAN, MICHAEL, CA
[72] PANSARE, NIKHIL, CA
[72] HICKS, DION, CA
[72] ROBERTS, MATTHEW, CA
[73] MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CA
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[54] **SELF-PROPELLED SELF-LOADING FEED MIXER**
[54] **MELANGEUR D'ALIMENTATION AUTOPROPULSE AUTOCHARGEUR**
[72] NEUDORF, BLAKE, CA
[72] COCKRANE, ROBERT, CA
[72] WILSON, CAMERON, CA
[72] REGIER, JUSTIN, CA
[72] DOKKEN, JOEL, CA
[72] WALTER, DEREK, CA
[71] HIGHLINE MANUFACTURING LTD., CA
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[54] **COMBINE HEADER FOR STRIPPING SEEDS**
[54] **ORGANE DE COUPE COMBINE SERVANT A PELER LES SEMENCES**
[72] BRUMMELHUIS, ANTONIUS J.M., CA
[71] BRUMMELHUIS, ANTONIUS J.M., CA
[22] 2014-11-03
[41] 2016-05-03

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[51] **Int.Cl. B65D 90/62 (2006.01)**
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[54] **MECHANICAL ROLLING ROOF**
[54] **TOIT ROULANT MECANIQUE**
[72] HAAG, LINDSAY, CA
[71] HAAG, LINDSAY, CA
[22] 2014-11-03
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[25] FR
[54] **N-2 STRUCTURAL SQUARE (FOR WOODEN STRUCTURE)**
[54] **EQUERRE STRUCTURALE N-2 (POUR STRUCTURE DE BOIS)**
[72] BOUCHARD, JEAN-FRANCOIS, CA
[71] BOUCHARD, JEAN-FRANCOIS, CA
[22] 2014-11-03
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[25] EN
[54] **DRY GOODS BULK TRAILER WITH UNINTERRUPTED SLOPE SHEET**
[54] **REMORQUE DE VRAC DE PRODUITS SECS EQUIPEE D'UNE TOLE INCLINEE CONTINUE**
[72] BLITTERSWIJK, ANNEKE, ZA
[72] POPOV, SHAUN L., CA
[72] JORGENSON, MILES E., CA
[71] DOEPKER INDUSTRIES LTD, CA
[22] 2014-11-04
[41] 2016-05-04

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **A REUSABLE WATERTIGHT MEDICINE CAP FOR DETECTING AND RECORDING OPENINGS AND CLOSINGS**
[54] **CAPUCHON ETANCHE REUTILISABLE DESTINE AU MILIEU MEDICAL ET SERVANT A DETECTER ET ENREGISTRER LE NOMBRE D~OUVERTURES ET DE FERMETURES**
[72] BROTZEL, DEAN, CA
[72] PETERSEN, MICHAEL, CA
[72] WILSON, ALLAN, CA
[71] INTELLIGENT DEVICES INC., BB
[22] 2014-11-04
[41] 2016-05-04

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[51] **Int.Cl. F24F 7/02 (2006.01) F16K 15/03 (2006.01) F24F 13/10 (2006.01)**
[25] EN
[54] **FLAPPER VALVE ADAPTOR FOR A ROOF VENT AND METHOD OF INSTALLING THE SAME**
[54] **ADAPTATEUR DE SOUPAPE A LANGUETTE POUR EVENT DE TOIT ET METHODE D~INSTALLATION DUDIT ADAPTATEUR**
[72] MANTYLA, JAMES BRIAN, CA
[72] BALDWIN, SCOTT, CA
[71] CANPLAS INDUSTRIES LTD., CA
[22] 2014-11-03
[41] 2016-05-03

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[13] A1
[51] **Int.Cl. B65G 65/42 (2006.01)**
[25] EN
[54] **STORAGE TANK WITH DISCHARGE CONVEYOR**
[54] **RESERVOIR DE STOCKAGE DOTE D'UN TRANSPORTEUR D'EVACUATION**
[72] FRIESEN, HENRY, CA
[72] FRIESEN, PETER, CA
[72] FRIESEN, ABRAM, CA
[71] FB INDUSTRIES INC., CA
[22] 2014-11-05
[41] 2016-05-05

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[51] **Int.Cl. F24F 13/32 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/64 (2006.01) F24F 7/007 (2006.01) H04R 5/02 (2006.01)**
[25] EN
[54] **SPEAKER FAN SYSTEM AND METHOD**
[54] **MECANISME DE VENTILATEUR DE HAUT-PARLEUR ET METHODE**
[72] KARST, DANIEL L., US
[72] PUFFER, BENJAMIN THORPE, US
[72] COFFEY, BRENT ELLIOTT, US
[71] BROAN-NUTONE LLC, US
[22] 2014-11-05
[41] 2016-05-05

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[51] **Int.Cl. B62B 3/04 (2006.01)**
[25] EN
[54] **THE WASTE CART**
[54] **LE CHARIOT A DECHETS**
[72] ARROZA, MICHAEL ANGELO COLLERA, CA
[71] ARROZA, MICHAEL ANGELO COLLERA, CA
[22] 2014-11-06
[41] 2016-05-06

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[13] A1
[51] **Int.Cl. G10D 3/18 (2006.01)**
[25] EN
[54] **ADJUSTABLE AND FOLDABLE SHOULDER REST FOR VIOLIN OR VIOLA**
[54] **EPAULIERE REGLABLE ET PLIABLE POUR VIOLON OU VIOLE**
[72] BALATTI, ALDO, CA
[72] KUN, MARINA, CA
[71] THE KUN SHOULDER REST INC., CA
[22] 2014-11-06
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[51] **Int.Cl. C08L 23/08 (2006.01) B29C 49/00 (2006.01) C08K 5/098 (2006.01)**
[25] EN
[54] **BLOW MOLDING COMPOSITION AND PROCESS**
[54] **COMPOSITION ET PROCEDE DE MOULAGE PAR SOUFFLAGE**
[72] BOTROS, MATTHEW ZAKI, CA
[72] LIGHTBODY, OWEN C., CA
[72] WALDIE, FRASER D. COLE, CA
[72] ARNOULD, GILBERT ALEXANDER, CA
[72] TIKUISIS, TONY, CA
[72] RAJKOVIC, ANNA, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2014-11-07
[41] 2016-05-07

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[51] **Int.Cl. C08L 51/08 (2006.01) C08J 3/24 (2006.01) C08K 5/17 (2006.01) C08F 290/06 (2006.01)**
[25] FR
[54] **VOLATILE POLYAMINE CROSS-LINKING AGENT AND ITS USE IN THE FABRICATION OF POLYMERS**
[54] **AGENT RETICULANT POLYAMINE VOLATILE ET SON UTILISATION DANS LA FABRICATION DE POLYMERES**
[72] DAIGLE, JEAN-CHRISTOPHE, CA
[72] VERREAULT, SERGE, CA
[72] TURCOTTE, NANCY, CA
[72] HAMEL-PAQUET, JULIE, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
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[51] **Int.Cl. G01J 3/433 (2006.01) G01J 3/10 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION CALIBRATION-FREE INFRARED SPECTROMETER**
[54] **SPECTROMETRE INFRAROUGE HAUTE RESOLUTION SANS ETALONNAGE**
[72] LI, LI, CA
[72] CHEN, LINGXI, CN
[71] NEW LIGHT SENSE TECHNOLOGY INC., CA
[22] 2014-11-03
[41] 2016-05-03

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[51] **Int.Cl. A61B 5/16 (2006.01) G06F 15/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **THIS IS A METHODOLOGY AND COMPUTER SYSTEM TO "OPTIMIZE HUMAN MIND BY RECORDING A BRIEF STORY OF TIME FROM THE PERSPECTIVE OF OBSERVER INTELLIGENT AGENTS"**
[54] **IL S'AGIT D'UNE METHODE ET D'UN SYSTEME INFORMATIQUE DESTINES A « OPTIMISER LA PENSEE HUMAINE EN ENREGISTREMENT UNE BREVE HISTOIRE TEMPORELLE DU POINT DE VUE D'AGENTS INTELLIGENTSOBSERVATEURS »**
[72] UNKNOWN, ZZ
[71] BUREAU11 INC., CA
[22] 2014-11-03
[41] 2016-05-03

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[51] **Int.Cl. A23G 3/50 (2006.01) A23G 1/50 (2006.01)**
[25] EN
[54] **EDIBLE SKEWER AND FOOD PRODUCT SYSTEM**
[54] **ENSEMBLE DE BROCHETTE MANGEABLE ET DE PRODUIT ALIMENTAIRE**
[72] CORMIER, KRISTOPHER, CA
[71] CORMIER, KRISTOPHER, CA
[22] 2014-11-10
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[54] **DOWNDRAFT SYSTEM**
[54] **SYSTEME DE COURANT DESCENDANT**
[72] SINUR, RICHARD R., US
[72] WELLNITZ, BRIAN R., US
[72] PERKINS, JAY F., US
[72] MONTAG, SEAN D., US
[71] BROAN-NUTONE LLC, US
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[25] EN
[54] **CONTROLS AND CONTROLLERS FOR AIR MATTRESS SYSTEMS**
[54] **COMMANDES ET CONTROLEURS DE MECANISMES DE MATELAS GONFLABLE**
[72] BOYD, DENNIS M., US
[71] BOYD, DENNIS M., US
[22] 2014-11-07
[41] 2016-05-07

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[54] **MULTIPLE COMPARTMENT BIRD FEEDER**
[54] **MANGOIRE POUR OISEAUX A PLUSIEURS COMPARTIMENTS**
[72] COTE, PAUL L., CA
[71] BROME BIRD CARE INC., CA
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING AND DIAGNOSING OCULAR DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT SERVANT A TRAITER ET DIAGNOSTIQUER DES TROUBLES OCULAIRES**
[72] BOYD, SHELLEY ROMAYNE, CA
[71] TRANSLATUM MEDICUS INC., CA
[22] 2014-11-06
[41] 2016-05-06

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR FILTERING AND DISPLAYING DIFFERENT SCENARIOS**
[54] **APPAREIL ET METHODES SERVANT A FILTRER ET AFFICHER DIFFERENTS SCENARIOS**
[72] HORNER, SIMON NESBITT, CA
[72] GNOCATO, GIUSEPPE, CA
[72] COLEMAN, STANLEY THOMAS, CA
[71] COPPERLEAF TECHNOLOGIES INC., CA
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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTINUOUSLY PLANNING MAINTENANCE OF ENTERPRISE EQUIPMENT**
[54] **SYSTEME ET METHODE DE PLANIFICATION EN CONTINU D'ENTRETIEN DE L'EQUIPEMENT D'ENTREPRISE**
[72] CROFT, LAWRENCE, CA
[72] GNOCATO, GIUSEPPE, CA
[72] COLEMAN, STANLEY THOMAS, CA
[72] HORNER, SIMON NESBITT, CA
[71] COPPERLEAF TECHNOLOGIES INC., CA
[22] 2014-11-07
[41] 2016-05-07

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THIRD PARTY AUTOMOTIVE PARTS SELECTION AND FULFILLMENT**
[54] **SYSTEME ET METHODE DE SELECTION ET COMMANDE DE PIECES AUTOMOBILES DE TIERS**
[72] HOABINH, VAN, CA
[72] SCHMIDT, JOHN, CA
[71] ACCESSORIES ON DEMAND INC., CA
[22] 2014-11-06
[41] 2016-05-06

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[51] **Int.Cl. B44C 1/22 (2006.01) B44D 5/00 (2006.01) C23C 8/04 (2006.01) C23C 22/77 (2006.01) C25D 11/26 (2006.01)**
[25] EN
[54] **COLORED GRAPHIC ARTWORKS ON TITANIUM SURFACES**
[54] **TRAVAIL D'ARTISTE GRAPHIQUE COLORE SUR DES SURFACES EN TITANE**
[72] ZHANG, XIAOJIANG, CA
[71] ZHANG, XIAOJIANG, CA
[22] 2014-11-03
[41] 2016-05-03

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[51] **Int.Cl. A47B 5/02 (2006.01) A45C 9/00 (2006.01) A45C 13/26 (2006.01) A47B 3/10 (2006.01) A47B 13/16 (2006.01) A47B 23/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **PORTABLE CANTILEVERED TABLE**
[54] **TABLE EN PORTE-A-FAUX PORTATIVE**
[72] CROSS, MARTIN J., CA
[72] STEBBINGS, BRENT R., CA
[71] CROSS, MARTIN J., CA
[71] STEBBINGS, BRENT R., CA
[22] 2014-11-04
[41] 2016-05-04

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[13] A1
[51] **Int.Cl. E06B 9/70 (2006.01) A47H 5/02 (2006.01) E06B 9/40 (2006.01) E06B 9/42 (2006.01)**
[25] EN
[54] **MOTOR RETROFITTED ON ROLL-UP BLIND CORDS**
[54] **MOTEUR ADAPTE POUR LES CORDES DE STORE ENROULEUR**
[72] PHAM, TRUNG, CA
[71] ETAPA WINDOW FASHIONS INC, CA
[22] 2014-11-06
[41] 2016-05-06

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01) A47H 1/12 (2006.01)**
[25] EN
[54] **TENSION BAR TO MOUNT ROLL UP BLIND**
[54] **BARRE DE TENSION SERVANT A INSTALLER UN STORE ENROULEUR**
[72] PHAM, TRUNG, CA
[71] ETAPA WINDOW FASHIONS INC, CA
[22] 2014-11-06
[41] 2016-05-06

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[13] A1
[51] **Int.Cl. F41B 5/14 (2006.01) F41B 5/12 (2006.01) F41B 5/20 (2006.01)**
[25] EN
[54] **ARROW PROTECTOR FOR CROSSBOW AND METHOD OF MANUFACTURING THEREOF**
[54] **PROTECTEUR DE FLECHE POUR ARBALETE ET PROCEDE DE FABRICATION DUDIT PROTECTEUR**
[72] HOULE, GASTON, CA
[71] PLACEMENTS GASTON HOULE INC., CA
[22] 2014-11-06
[41] 2016-05-06
[30] US (14/534,608) 2014-11-06

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[13] A1
[51] **Int.Cl. F41B 5/12 (2006.01) F41B 5/18 (2006.01)**
[25] EN
[54] **OFFSET STIRRUP FOR CROSSBOW AND METHOD OF MANUFACTURING THEREOF**
[54] **ETRIER DECALE POUR ARBALETE ET PROCEDE DE FABRICATION DUDIT ETRIER**
[72] HOULE, GASTON, CA
[71] PLACEMENTS GASTON HOULE INC., CA
[22] 2014-11-06
[41] 2016-05-06
[30] US (14/534,578) 2014-11-06

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[13] A1
[51] **Int.Cl. F41B 5/20 (2006.01) F41B 5/12 (2006.01)**
[25] EN
[54] **VIBRATION ABSORBER FOR CROSSBOW AND METHOD OF MANUFACTURING THEREOF**
[54] **ABSORBEUR DE VIBRATION POUR ARBALETE ET PROCEDE DE FABRICATION DUDIT ABSORBEUR**
[72] HOULE, GASTON, CA
[71] PLACEMENTS GASTON HOULE INC., CA
[22] 2014-11-06
[41] 2016-05-06
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[51] **Int.Cl. E01H 1/08 (2006.01) A45F 3/04 (2006.01) A47L 5/14 (2006.01) A47L 11/00 (2006.01)**
[25] EN
[54] **THE INDUSTRIAL HOT AIR BACKPACK BLOWER**
[54] **SOUFFLEUSE A AIR CHAUD INDUSTRIELLE PORTATIVE**
[72] UNKNOWN, ZZ
[71] FERGUS, JOHN T., CA
[22] 2014-11-07
[41] 2016-05-07

[21] **2,871,495**
[13] A1
[51] **Int.Cl. C07D 213/54 (2006.01) A61K 31/44 (2006.01) C07D 213/30 (2006.01) C07D 213/44 (2006.01) C07F 7/18 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR USE AS ALKYLATING AGENT SENSORS AND METHODS OF USE THEREOF**
[54] **COMPOSES ET COMPOSITIONS DESTINES A UN USAGE COMME CAPTEURS D'AGENT ALKYLATANT ET METHODES D~UTILISATION ASSOCIEES**
[72] LOVE, JENNIFER ANN, CA
[72] PROVENCHER, PHILIP ANDREW, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[22] 2014-11-07
[41] 2016-05-07

[21] **2,875,424**
[13] A1
[51] **Int.Cl. F04B 53/02 (2006.01) F04B 39/00 (2006.01) F16J 15/56 (2006.01)**
[25] EN
[54] **WIPER SEAL ASSEMBLIES FOR A RECIPROCATING PUMP AND METHODS RELATING THERETO**
[54] **MECANISMES DE JOINT DE BALAIS POUR UNE POMPE ALTERNATIVE ET METHODES ASSOCIEES**
[72] WEAVER, RANDALL FERRAIN, US
[72] EGGLESTON, CLIFTON DEE, US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2014-12-16
[41] 2016-05-07
[30] US (14/536,272) 2014-11-07

[21] **2,875,519**
[13] A1
[51] **Int.Cl. B44D 3/12 (2006.01) B05C 21/00 (2006.01)**
[25] EN
[54] **PAINT ROLLER GRID**
[54] **GRILLE POUR ROULEAU A PEINTURE**
[72] BERGMAN, MARK W., US
[72] GIVEN, JEFFREY T., US
[72] LEYDEN, MATTHEW V., US
[72] WAFFENSMITH, JEFFREY B., US
[71] BERCOM INTERNATIONAL, LLC, US
[22] 2014-12-19
[41] 2016-05-03
[30] US (62/074,428) 2014-11-03

[21] **2,880,320**
[13] A1
[51] **Int.Cl. A01C 7/16 (2006.01)**
[25] EN
[54] **SEED DISK FOR PLANTING CANOLA WITH A VACUUM METER PLANTER**
[54] **DISQUE DE SEMENCES SERVANT A PLANTER DU CANOLA AU MOYEN D'UNE PLANTEUSE DOSEUSE A VIDE**
[72] CADIEUX, KERRY P. B., CA
[72] CALDER, JEFFREY S., CA
[71] RRV CANOLA DISK INC., CA
[22] 2015-01-29
[41] 2016-05-05

[21] **2,882,784**
[13] A1
[51] **Int.Cl. G02B 21/06 (2006.01) G01B 9/04 (2006.01) G01J 3/447 (2006.01) G02B 21/02 (2006.01) G02B 21/26 (2006.01) G02B 21/34 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL OPTICAL COHERENCE TOMOGRAPHY APPARATUS AND ITS APPLICATION**
[54] **APPAREIL DE TOMOGRAPHIE PAR COHERENCE OPTIQUE EN TROIS DIMENSIONS ET SON APPLICATION**
[72] HUANG, SHENG-LUNG, TW
[72] HO, TUAN-SHU, TW
[72] TSAI, CHIEN-CHUNG, TW
[71] NATIONAL TAIWAN UNIVERSITY, TW
[22] 2015-02-23
[41] 2016-05-05
[30] TW (103138372) 2014-11-05
[30] TW (104104362) 2015-02-09

[21] **2,886,540**
[13] A1
[51] **Int.Cl. B22D 17/20 (2006.01)**
[25] EN
[54] **DIE CASTING MOLD EVACUATION VALVE ASSEMBLY**
[54] **DISPOSITIF DE SOUPAPE DE VIDANGE DE MOULE DE FONTE**
[72] BAUMGARTNER, KONRAD, CH
[71] FONDAREX S.A., CH
[22] 2015-03-30
[41] 2016-05-07
[30] CH (01730/14) 2014-11-07

[21] **2,886,592**
[13] A1
[51] **Int.Cl. E04G 21/14 (2006.01) E04B 1/62 (2006.01) E04B 2/00 (2006.01) E04F 21/06 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **METHOD OF APPLYING FOAM COMPOSITIONS**
[54] **PROCEDE D'APPLICATION DE COMPOSITIONS DE MOUSSE**
[72] BEMIS, JONATHAN WILLIAM, US
[71] GACO WESTERN, LLC, US
[22] 2015-03-31
[41] 2016-05-03
[30] US (62/074,537) 2014-11-03

[21] **2,893,727**
[13] A1
[51] **Int.Cl. G08G 1/09 (2006.01) F16G 11/00 (2006.01)**
[25] EN
[54] **TRAFFIC SIGNAL MOUNTING BRACKET**
[54] **SUPPORT D'INSTALLATION DE SIGNAL DE CIRCULATION**
[72] HILL, JAYSON ALAN, CA
[72] HALAR, MLADEN, CA
[71] TRAFFIC HARDWARE + DESIGN INC., CA
[22] 2015-06-04
[41] 2016-05-07
[30] US (62/076,820) 2014-11-07

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[13] A1
[51] **Int.Cl. A23L 2/395 (2006.01) A23F 5/38 (2006.01) A23F 5/40 (2006.01) A23L 2/56 (2006.01)**
[25] EN
[54] **LAYERED BEVERAGE**
[54] **BOISSON COMPORTANT DES COUCHES**
[72] MASSEY, TULAY, GB
[72] WILLIAMS, SARAH, GB
[72] CARR, SIMON, GB
[71] KRAFT FOODS R&D, INC., US
[22] 2015-06-16
[41] 2016-05-07
[30] GB (1419833.7) 2014-11-07

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[13] A1
[51] **Int.Cl. C08L 71/02 (2006.01) A61K 31/728 (2006.01) A61K 47/30 (2006.01) A61P 17/02 (2006.01) C08K 5/101 (2006.01) C08L 1/28 (2006.01) C08L 5/08 (2006.01)**
[25] EN
[54] **POLYMER MATRIX COMPOSITIONS COMPRISING A HIGH CONCENTRATION OF BIO-FERMENTED SODIUM HYALURONATE AND USES THEREOF**
[54] **COMPOSITIONS DE MATRICE POLYMERE RENFERMANT UNE CONCENTRATION ELEVEE D'HYALLUONATE DE SODIUM BIO-FERMENTE ET LEURS UTILISATIONS**
[72] DRIZEN, KEVIN, CA
[72] VELUSAMY, JAI, CA
[71] GLYCOBIOSCIENCES INC., CA
[22] 2015-07-03
[41] 2016-05-03

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[13] A1
[51] **Int.Cl. B65H 54/02 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR FORMING A COIL OF SCRAP TUBING**
[54] **PROCEDE ET APPAREIL DE FORMAGE D'UNE BOBINE DE TUBAGE RECUPERE**
[72] WOLF, CLIFTON E., US
[71] WOLF, CLIFTON E., US
[22] 2015-07-28
[41] 2016-05-06
[30] US (14/534,787) 2014-11-06

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[13] A1
[51] **Int.Cl. B64C 3/56 (2006.01) B64C 19/00 (2006.01)**
[25] EN
[54] **BACKUP SYSTEM**
[54] **SYSTEME DE PROTECTION**
[72] GOOD, MARK STEVEN, US
[72] LASSEN, MATTHEW AUGUST, US
[72] RENZELMANN, MICHAEL E., US
[72] GARDNER, MARK J., US
[72] LESYNA, MARK WILLIAM, US
[72] HILL, BRIAN CURTIS, US
[72] TYLER, NICHOLAS SETH, US
[71] THE BOEING COMPANY, US
[22] 2015-08-17
[41] 2016-05-07
[30] US (14/535,864) 2014-11-07

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[13] A1
[51] **Int.Cl. E21C 35/00 (2006.01) B60K 1/04 (2006.01) B60R 16/04 (2006.01)**
[25] EN
[54] **MINING MACHINE AND CHARGING STATION COMPRISING REFRIGERATION CIRCUITS**
[54] **MACHINE D'EXPLOITATION MINIERE ET POSTE DE RECHARGE COMPORTANT DES CIRCUITS DE REFRIGERATION**
[72] LINDHOLM, KARI, FI
[72] VARE, VILLE, FI
[72] KOUVO, MIKKO, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2015-09-02
[41] 2016-05-06
[30] EP (14192036.3) 2014-11-06

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[13] A1
[51] **Int.Cl. F25C 1/12 (2006.01) F25C 1/22 (2006.01) F25C 5/04 (2006.01)**
[25] EN
[54] **ICE MAKING DEVICE**
[54] **APPAREIL DE FABRICATION DE GLACE**
[72] MACKOWIAK, JEFFREY A., US
[71] HOWE CORPORATION, US
[22] 2015-09-04
[41] 2016-05-05
[30] US (14/533,649) 2014-11-05

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM**
[54] **ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE**
[72] HENRY, JAMES W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-09
[41] 2016-05-04
[30] US (62/074,857) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **RINGED METER ROLLERS AND SLIDE CUTOFF SYSTEM**
[54] **ROULEAUX DOSEURS ANNELES ET MECANISME DE DEGAGEMENT LATERAL**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] ENGEL, GORDON ANTHONY, CA
[72] TURNER, JACK DONALD, CA
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-09
[41] 2016-05-04
[30] US (62/075,202) 2014-11-04

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[13] A1
[51] **Int.Cl. H01M 8/04111 (2016.01) H01M 8/04492 (2016.01) H01M 8/2457 (2016.01) B60L 11/18 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] IIO, ATSUO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-09-08
[41] 2016-05-05
[30] JP (2014-225638) 2014-11-05

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **RINGED METER ROLLERS AND SLIDE CUTOFF SYSTEM**
[54] **ROULEAUX DOSEURS ANNELES ET MECANISME DE DEGAGEMENT LATERAL**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] CHAHLEY, DENNIS W., CA
[72] ENGEL, GORDON ANTHONY, CA
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] HENRY, JAMES W., CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-15
[41] 2016-05-04
[30] US (62/075,198) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SECONDARY SEED TANK FOR AIR CART SYSTEM**
[54] **RESERVOIR DE SEMENCES SECONDAIRE POUR MECANISME DE CHARIOT A AIR**
[72] THOMPSON, DENNIS GEORGE, CA
[72] ROBERGE, MARTIN J., CA
[72] STUART, GRAHAM DOUGLAS, CA
[72] YUEN, CORY ADRIAN, CA
[72] SCHILLING, ROBIN BRUNO, CA
[72] ZACHARIAS, DARWIN L., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-15
[41] 2016-05-04
[30] US (62/075,142) 2014-11-04

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[13] A1
[51] **Int.Cl. H02S 40/22 (2014.01) B81B 7/02 (2006.01)**
[25] EN
[54] **MICRO-CONCENTRATOR SOLAR ARRAY USING MICRO-ELECTROMECHANICAL SYSTEMS (MEMS) BASED REFLECTORS**
[54] **RESEAU DE MODULES SOLAIRES A MICRO-CONCENTRATEURS EMPLOYANT DES REFLECTEURS FONDES SUR DES SYSTEMES MICRO-ELECTROMECANIQUES**
[72] SINGER, SCOTT BENJAMIN, US
[72] KRUT, DIMITRI D., US
[72] KARAM, NASSER H., US
[71] THE BOEING COMPANY, US
[22] 2015-09-16
[41] 2016-05-04
[30] US (14/532,356) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01) A01C 15/00 (2006.01)**
[25] EN
[54] **INDEPENDENTLY CONTROLLED METER ROLLERS AND AIR CONVEYANCE COMPONENTS SYSTEM AND METHOD**
[54] **ROULEAUX DOSEURS A CONTROLE INDEPENDANT ET SYSTEME ET METHODE DE COMPOSANTES DE TRANSPORT A AIR**
[72] CHAHLEY, DENNIS W., CA
[72] ENGEL, GORDON ANTHONY, CA
[72] TURNER, JACK DONALD, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] ERKER, GREGORY JACOB, CA
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] RAPLEY, ANTHONY CHARLES, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[30] US (62/074,814) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR METERING AGRICULTURAL PRODUCTS**
[54] **SYSTEME ET METHODE DE DOSAGE DE PRODUITS AGRICOLES**
[72] CHAHLEY, DENNIS W., CA
[72] ENGEL, GORDON ANTHONY, CA
[72] TURNER, JACK DONALD, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] ERKER, GREGORY JACOB, CA
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] RAPLEY, ANTHONY CHARLES, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[30] US (62/075,006) 2014-11-04

[21] **2,904,778**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INDEPENDENT CALIBRATION OF METER ROLLERS**
[54] **SYSTEME ET METHODE D'ETALONNAGE INDEPENDANT DE ROULEAUX DOSEURS**
[72] CHAHLEY, DENNIS W., CA
[72] ENGEL, GORDON ANTHONY, CA
[72] TURNER, JACK DONALD, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] ERKER, GREGORY JACOB, CA
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] RAPLEY, ANTHONY CHARLES, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[30] US (62/075,133) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/12 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **QUICK RELEASE BEARING COUPLERS**
[54] **RACCORDS DE PALIER A DEGAGEMENT RAPIDE**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[30] US (62/075,007) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **TANK PRESSURIZATION CONTROL FOR AIR CARTS**
[54] **REGULATEUR DE PRESSION DE RESERVOIR POUR CHARIOTS A AIR**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES WAYNE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[72] MILLIE, STEWART JOSEPH, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[30] US (62/075,149) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **MODULAR METER ROLLER CARTRIDGE**
[54] **CARTOUCHE DE ROULEAU DOSEUR MODULAIRE**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES WAYNE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[30] US (62/075,155) 2014-11-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SPLIT METER ROLLER SHAFT**
[54] **TIGE FENDUE POUR ROULEAU DOSEUR**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[30] US (62/075,083) 2014-11-04

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[13] A1
[51] **Int.Cl. B09C 1/10 (2006.01)**
[25] EN
[54] **MOBILE SOIL TREATMENT UNIT**
[54] **UNITE DE TRAITEMENT MOBILE DU SOL**
[72] LEBLANC, ERIC, CA
[72] LAROSE, JEAN-FRANCOIS, CA
[72] COTE, KARL, CA
[72] LACOSTE, ELAINE, CA
[72] LABERGE, SYLVAIN, CA
[71] SANEXEN ENVIRONMENTAL SERVICES INC., CA
[22] 2015-09-18
[41] 2016-05-03
[30] US (14/530,880) 2014-11-03

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[13] A1
[51] **Int.Cl. B65D 63/10 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL CABLE TIE**
[54] **ATTACHE ANTIMICROBIENNE**
[72] GAO, YAN, US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2015-09-18
[41] 2016-05-06
[30] US (62/076,185) 2014-11-06

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **FLOW CONTROL ASSEMBLY FOR AN AGRICULTURAL METERING SYSTEM**
[54] **MECANISME DE CONTROLE D'ECOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE**
[72] ZACHARIAS, DARWIN LLOYD, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-18
[41] 2016-05-04
[30] US (62,075,171) 2014-11-04

[21] **2,905,035**
[13] A1
[51] **Int.Cl. B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] TAKEYAMA, MAKOTO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-09-18
[41] 2016-05-04
[30] JP (2014-224117) 2014-11-04

[21] **2,905,041**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **FLOW CONTROL ASSEMBLY FOR AN AGRICULTURAL METERING SYSTEM**
[54] **MECANISME DE CONTROLE D'ECOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE**
[72] ZACHARIAS, DARWIN LLOYD, CA
[72] STUART, GRAHAM DOUGLAS, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-18
[41] 2016-05-04
[30] US (62/074,880) 2014-11-04

[21] **2,905,061**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **DISEASE DIAGNOSTIC APPARATUS, IMAGE PROCESSING METHOD IN THE SAME APPARATUS, AND MEDIUM STORING PROGRAM ASSOCIATED WITH THE SAME METHOD**
[54] **APPAREIL DE DIAGNOSTIC DE MALADIE, METHODE DE TRAITEMENT D'IMAGE DANS LEDIT APPAREIL ET PROGRAMME DE STOCKAGE SUR SUPPORT ASSOCIE A LADITE METHODE**
[72] HAMADA, AKIRA, JP
[72] NAKAJIMA, MITSUYASU, JP
[72] TANAKA, MASARU, JP
[72] SATO, TOSHITSUGU, JP
[71] CASIO COMPUTER CO., LTD., JP
[22] 2015-09-24
[41] 2016-05-07
[30] JP (2014-227527) 2014-11-07

[21] **2,905,140**
[13] A1
[51] **Int.Cl. G01M 1/38 (2006.01) F01D 5/10 (2006.01) F01D 25/04 (2006.01)**
[25] EN
[54] **METHOD OF BALANCING A GAS TURBINE ENGINE ROTOR**
[54] **METHODE D'EQUILIBRAGE D'UN ROTOR DE TURBINE A GAZ**
[72] STONE, PAUL, CA
[72] IVAKITCH, RICHARD, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-09-18
[41] 2016-05-03
[30] US (14/531,438) 2014-11-03

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) G06T 5/00 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **DISEASE DIAGNOSTIC APPARATUS, IMAGE PROCESSING METHOD IN THE SAME APPARATUS, AND MEDIUM STORING PROGRAM ASSOCIATED WITH THE SAME METHOD**
[54] **APPAREIL DE DIAGNOSTIC DE MALADIE, METHODE DE TRAITEMENT D'IMAGE DANS LEDIT APPAREIL ET PROGRAMME DE STOCKAGE SUR SUPPORT ASSOCIE A LADITE METHODE**
[72] NAKAJIMA, MITSUYASU, JP
[71] CASIO COMPUTER CO., LTD., JP
[22] 2015-09-24
[41] 2016-05-07
[30] JP (2014-227528) 2014-11-07
[30] JP (2014-227530) 2014-11-07

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **DISEASE DIAGNOSTIC APPARATUS, IMAGE PROCESSING METHOD IN THE SAME APPARATUS, AND MEDIUM STORING PROGRAM ASSOCIATED WITH THE SAME METHOD**
[54] **APPAREIL DE DIAGNOSTIC DE MALADIE, METHODE DE TRAITEMENT D'IMAGE DANS LEDIT APPAREIL ET PROGRAMME DE STOCKAGE SUR SUPPORT ASSOCIE A LADITE METHODE**
[72] HAMADA, AKIRA, JP
[72] NAKAJIMA, MITSUYASU, JP
[72] TANAKA, MASARU, JP
[72] SATO, TOSHITSUGU, JP
[71] CASIO COMPUTER CO., LTD., JP
[22] 2015-09-24
[41] 2016-05-07
[30] JP (2014-227526) 2014-11-07

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/12 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM FOR AN AGRICULTURAL PRODUCT DISTRIBUTION SYSTEM**
[54] **DISPOSITIF D'ENTRAINEMENT POUR UN MECANISME DE DISTRIBUTION DE PRODUIT AGRICOLE**
[72] THOMPSON, DENNIS GEORGE, CA
[72] ABBAS, SYED FAZAL, CA
[72] HUI, KA PO KATHERINE, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-21
[41] 2016-05-04
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/10 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **AIR DISTRIBUTION SYSTEM FOR A PNEUMATIC CONVEYING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AIR POUR UN SYSTEME DE TRANSPORT PNEUMATIQUE**
[72] HUI, KA PO CATHERINE, CA
[72] ROBERGE, MARTIN J., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-21
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/10 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED GATE ASSEMBLY FOR AN AGRICULTURAL PRODUCT DISTRIBUTION SYSTEM**
[54] **DISPOSITIF DE VOLET DE DISTRIBUTION DE SEMENCES POUR UN MECANISME DE DISTRIBUTION DE PRODUIT AGRICOLE**
[72] ROBERGE, MARTIN J., CA
[72] ZACHARIAS, DARWIN L., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-21
[41] 2016-05-04
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01) A01C 19/02 (2006.01)**
[25] EN
[54] **HYDRAULIC SYSTEM FOR AN AIR CART**
[54] **DISPOSITIF HYDRAULIQUE POUR UN CHARIOT A AIR**
[72] MILLIE, STEWART JOSEPH, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-21
[41] 2016-05-04
[30] US (62/075,115) 2014-11-04

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[51] **Int.Cl. A01C 7/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **AUXILIARY TANK EXHAUST SYSTEM FOR AN AGRICULTURAL PRODUCT DISTRIBUTION SYSTEM**
[54] **DISPOSITIF D'ECHAPPEMENT DE RESERVOIR AUXILIAIRE POUR UN MECANISME DE DISTRIBUTION DE PRODUIT AGRICOLE**
[72] SCHILLING, ROBIN BRUNO, CA
[72] STUART, GRAHAM DOUGLAS, CA
[72] ROBERGE, MARTIN J., CA
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[51] **Int.Cl. B21F 27/00 (2006.01)**
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[54] **APPARATUS AND METHOD FOR MANUFACTURING COIL SCREENS**
[54] **APPAREIL ET METHODE DE FABRICATION DE FILTRES DE BOBINE**
[72] RUH, MICHAEL, DE
[72] FUNK, MICHAEL-HEINZ, DE
[72] SCHRATZ, SIMON, DE
[71] KARL MAYER TEXTILMASCHINENFABRIK GMBH, DE
[22] 2015-09-24
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED DEFLECTOR AND AGITATOR FOR AN AGRICULTURAL PRODUCT DISTRIBUTION SYSTEM**
[54] **DEFLECTEUR ET AGITATEUR DE SEMENCES POUR UN MECANISME DE DISTRIBUTION DE PRODUIT AGRICOLE**
[72] ROBERGE, MARTIN J., CA
[72] ZACHARIAS, DARWIN L., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-24
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[51] **Int.Cl. B64G 1/40 (2006.01) B64G 1/26 (2006.01)**
[25] EN
[54] **THRUST APPARATUSES, SYSTEMS, AND METHODS**
[54] **APPAREILS, SYSTEMES ET METHODES DE POUSSEE**
[72] STICKELMAIER, JOHN F., US
[72] PERKINS, JULIE M., US
[72] KREINER, KURT B., US
[72] NGUYEN, PHILIP D., US
[71] THE BOEING COMPANY, US
[22] 2015-09-22
[41] 2016-05-05
[30] US (14/533,934) 2014-11-05

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[13] A1
[51] **Int.Cl. B60R 11/04 (2006.01)**
[25] EN
[54] **DRONE SYSTEMS FOR PRE-TRIP INSPECTION AND ASSISTED BACKING**
[54] **SYSTEMES DE DRONE SERVANT A L'INSPECTION AVANT DEPLACEMENT ET MANOEUVRE DE MARCHE ARRIERE ASSISTEE**
[72] MAYS, WESLEY, US
[71] PACCAR INC, US
[22] 2015-10-02
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[25] EN
[54] **SYSTEM AND METHOD FOR PROBE HEATER HEALTH INDICATION**
[54] **SYSTEME ET METHODE D'INDICATION DE L'ETAT FONCTIONNEL D'UN RECHAUFFE SONDE**
[72] NESNIDAL, MICHAEL PAUL, US
[71] ROSEMOUNT AEROSPACE, INC., US
[22] 2015-09-24
[41] 2016-05-06
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[51] **Int.Cl. H01M 8/04537 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND MAXIMUM POWER CALCULATION METHOD**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE CALCUL DE LA PUISSANCE MAXIMALE**
[72] BONO, TETSUYA, JP
[72] SHIOKAWA, SATOSHI, JP
[72] HAMANOI, OSAMU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-09-29
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[51] **Int.Cl. B29C 47/06 (2006.01)**
[25] EN
[54] **METHOD OF FORMING DYNAMICALLY VULCANIZED THERMOPLASTIC ELASTOMER FILMS AND FILMS FORMED THEREFROM**
[54] **METHODE DE FORMAGE DE FILMS ELASTOMERES THERMOPLASTIQUES VULCANISES DYNAMIQUEMENT ET FILMS AINSI FORMES**
[72] NADELLA, HARI P., US
[72] CHENG, JIANYA, US
[72] MANDERS, PETER W., US
[72] SHANNON, PORTER C., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[22] 2015-10-06
[41] 2016-05-04
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[51] **Int.Cl. A45C 3/00 (2006.01) A45C 13/00 (2006.01) A45F 3/04 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE BAG WITH INTERCHANGEABLE EXTERIOR**
[54] **SAC PERSONNALISABLE DOTE D'UNE ENVELOPPE INTERCHANGEABLE**
[72] FAUSTINUS OLUWATOYIN ONI, GEORGE, CA
[71] FAUSTINUS OLUWATOYIN ONI, GEORGE, CA
[22] 2015-10-13
[41] 2016-05-03
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[13] A1
[51] **Int.Cl. A47L 15/50 (2006.01)**
[25] EN
[54] **DISHWASHER RACK ASSEMBLY HAVING POSITIONABLE SUPPORT MEMBERS**
[54] **DISPOSITIF DE SUPPORT POUR LAVE-VAISSELLE COMPORTANT DES ELEMENTS DE SUPPORT DEPLACABLES**
[72] BEN-HAIM, NIV, CA
[71] BEN-HAIM, NIV, CA
[22] 2015-10-09
[41] 2016-05-07
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[13] A1
[51] **Int.Cl. H01M 8/1004 (2016.01)**
[25] EN
[54] **METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, AND MEMBRANE ELECTRODE ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF D'ELECTRODE A MEMBRANE ET DISPOSITIF D'ELECTRODE A MEMBRANE**
[72] TSUBOSAKA, KENJI, JP
[72] YOSHIKAWA, HIROO, JP
[72] NISHIDA, TSUNEMASA, JP
[72] MIZUTANI, NOBUAKI, JP
[72] SAITOU, TAKEAKI, JP
[72] NAKANISHI, JUNJI, JP
[72] HAMANO, MASATO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-10-09
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[51] **Int.Cl. A01D 41/16 (2006.01) A01D 41/14 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **WINDROWER WITH QUICK HEADER ATTACHMENT**
[54] **ANDAINEUR DOTE D'UN ACCESSOIRE DE COUPE RAPIDE**
[72] FIGGER, ROBERT L., US
[71] AGCO CORPORATION, US
[22] 2015-10-07
[41] 2016-05-07
[30] US (62/077,087) 2014-11-07

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[13] A1
[51] **Int.Cl. H01M 8/0432 (2016.01) H01M 8/04828 (2016.01)**
[25] EN
[54] **RESIDUAL WATER SCAVENGING PROCESSING METHOD IN FUEL CELL SYSTEM AND FUEL CELL SYSTEM**
[54] **METHODE DE TRAITEMENT DE RECUPERATION D'EAU RESIDUELLE DANS UN DISPOSITIF DE PILE A COMBUSTIBLE ET DISPOSITIF DE PILE A COMBUSTIBLE**
[72] NAGANUMA, YOSHIAKI, JP
[72] TOIDA, MASASHI, JP
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-10-09
[41] 2016-05-07
[30] JP (2014-227017) 2014-11-07

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[13] A1
[51] **Int.Cl. H01M 8/0258 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **FUEL BATTERY CELL**
[54] **CELLULE DE PILE A COMBUSTIBLE**
[72] WATANABE, YUSUKE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[41] 2016-05-05
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[13] A1
[51] **Int.Cl. H01M 8/1004 (2016.01)**
[25] EN
[54] **METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF D'ELECTRODE A MEMBRANE**
[72] TSUBOSAKA, KENJI, JP
[72] YOSHIKAWA, HIROO, JP
[72] NISHIDA, TSUNEMASA, JP
[72] MIZUTANI, NOBUAKI, JP
[72] SAITOU, TAKEAKI, JP
[72] NAKANISHI, JUNJI, JP
[72] HAMANO, MASATO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[41] 2016-05-07
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[13] A1
[51] **Int.Cl. H01M 8/0202 (2016.01)**
[25] EN
[54] **FUEL CELL SEPARATOR, FUEL CELL, AND FUEL CELL BATTERY**
[54] **SEPARATEUR DE PILE A COMBUSTIBLE, PILE A COMBUSTIBLE ET BATTERIE DE PILES A COMBUSTIBLE**
[72] OKABE, HIROKI, JP
[72] KONNO, NORISHIGE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-10-09
[41] 2016-05-06
[30] JP (2014-226016) 2014-11-06

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[51] **Int.Cl. H01M 8/04302 (2016.01) H01M 8/0432 (2016.01) H01M 8/0438 (2016.01)**
[25] EN
[54] **A FUEL CELL SYSTEM AND A METHOD FOR CONTROLLING A FUEL CELL SYSTEM**
[54] **UN DISPOSITIF DE PILE A COMBUSTIBLE ET UNE METHODE DE COMMANDE D~UN DISPOSITIF DE PILE A COMBUSTIBLE**
[72] KONDO, MASAAKI, JP
[72] KOMIYA, KENJI, JP
[72] YAMASHITA, AKIRA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-10-09
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[51] **Int.Cl. B26B 29/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE WALL TRIMMING DEVICE**
[54] **DISPOSITIF DE BORDURE MURALE REGLABLE**
[72] RICHARDS, LEE E., US
[71] RICHARDS, LEE E., US
[22] 2015-10-07
[41] 2016-05-05
[30] US (62/075,562) 2014-11-05

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[51] **Int.Cl. H02H 3/20 (2006.01)**
[25] EN
[54] **OVER-VOLTAGE PROTECTION SYSTEM AND METHOD**
[54] **MECANISME ET METHODE DE PROTECTION CONTRE LA SURTENSION**
[72] CHI, SONG, US
[72] DONG, DONG, US
[72] LAI, RIXIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-10-15
[41] 2016-05-05
[30] US (14/533,762) 2014-11-05

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[13] A1
[51] **Int.Cl. E21B 17/05 (2006.01) E21B 19/16 (2006.01) F16C 43/04 (2006.01) F16L 27/08 (2006.01)**
[25] EN
[54] **SWIVEL JOINT DISASSEMBLY TOOL AND METHOD FOR SAME**
[54] **OUTIL DE DEMONTAGE D'UN JOINT PIVOTANT ET METHODE ASSOCIEE**
[72] JOHNSON, ANDREW J., US
[71] FORUM US, INC., US
[22] 2015-10-19
[41] 2016-05-07
[30] US (62/076,921) 2014-11-07
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[13] A1
[51] **Int.Cl. B23B 35/00 (2006.01) A47J 36/00 (2006.01) G01K 1/14 (2006.01)**
[25] FR
[54] **PROCESS FOR DRILLING A RECEPTION TUNNEL FOR A SENSOR IN A COOKING CONTAINER AND CONTAINER FROM SUCH A PROCESS**
[54] **PROCEDE POUR LE PERCAGE D'UN TUNNEL DE RECEPTION D'UN CAPTEUR DANS UN RECIPIENT DE CUISSON ET RECIPIENT ISSU D'UN TEL PROCEDE**
[72] LINGLIN, BENOIT, FR
[72] PERREAL, SYLVAIN, FR
[72] CHARVIN, STEPHANE, FR
[71] SEB S.A., FR
[22] 2015-10-15
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[51] **Int.Cl. A63G 9/00 (2006.01)**
[25] EN
[54] **SWING SEAT**
[54] **SIEGE PIVOTANT**
[72] PERES, JONAS, SE
[72] SODERSTROM, MARCUS, SE
[71] PLAYPOWER, INC., US
[22] 2015-10-19
[41] 2016-05-04
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[51] **Int.Cl. F01D 9/04 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **MIXED STATOR FOR AN AXIAL TURBOMACHINE COMPRESSOR**
[54] **STATOR MIXTE POUR UN COMPRESSEUR AXIAL DE TURBOMACHINE**
[72] CORTEQUISSE, JEAN-FRANCOIS, BE
[71] TECHSPACE AERO S.A., BE
[22] 2015-10-21
[41] 2016-05-06
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[51] **Int.Cl. B64C 13/24 (2006.01) B64C 3/50 (2006.01) B64C 9/16 (2006.01) B64C 13/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **CONNECTING ROD FOR A FLIGHT CONTROL SURFACE ACTUATION SYSTEM**
[54] **TIGE DE CONNEXION POUR UN MECANISME D'ACTIONNEUR DE SURFACE DE COMMANDE DE VOL**
[72] SCHWARTZ, LAURENT, FR
[71] GOODRICH ACTUATION SYSTEMS SAS, FR
[22] 2015-10-16
[41] 2016-05-06
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[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TESTING GAS METERS**
[54] **APPAREIL ET METHODE SERVANT A TESTER DES COMPTEURS DE GAZ**
[72] MARTIN, JEFF THOMAS, US
[72] PERKINS, ANDREW LOGAN, US
[71] DRESSER, INC., US
[22] 2015-10-22
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[13] A1
[51] **Int.Cl. F02C 9/28 (2006.01) F01D 19/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TURBINE ENGINE TEMPERATURE REGULATION**
[54] **METHODE ET MECANISME DE REGULATION DE LA TEMPERATURE D'UNE TURBINE**
[72] WRIGHT, SCOTT BRIAN, US
[72] TURNER, JAMES ROBERT, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2015-10-22
[41] 2016-05-04
[30] US (14/532,829) 2014-11-04

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[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01)**
[25] EN
[54] **AN INDUSTRIAL ROBOT AND A METHOD FOR CONTROLLING AN INDUSTRIAL ROBOT**
[54] **UN ROBOT INDUSTRIEL ET UNE METHODE DE CONTROLE D'UN ROBOT INDUSTRIEL**
[72] GERIO, GIAN PAOLO, IT
[72] WIKLUND, ALLAN MATHIAS, IT
[72] BARONCELLI, ARTURO, IT
[71] COMAU S.P.A., IT
[22] 2015-10-20
[41] 2016-05-07
[30] IT (TO2014A000924) 2014-11-07

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[13] A1
[51] **Int.Cl. C09K 3/18 (2006.01) B41J 2/14 (2006.01) B41J 2/17 (2006.01) C09D 175/08 (2006.01) C09D 11/38 (2014.01)**
[25] EN
[54] **ANTI-WETTING, LOW ADHESION COATINGS FOR AQUEOUS INK PRINTHEADS**
[54] **REVETEMENT ANTI-MOUILLAGE A FAIBLE ADHERENCE POUR TETES D'IMPRESSION D'ENCRE AQUEUSE**
[72] SAMBHY, VARUN, US
[72] TALLMAN, KYLE B., US
[72] BADESHA, SANTOKH S., US
[72] ROETKER, MICHAEL S., US
[72] HERKO, JONATHAN H., US
[72] GRIFFIN, SCOTT J., US
[71] XEROX CORPORATION, US
[22] 2015-10-20
[41] 2016-05-07
[30] US (14/535874) 2014-11-07

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[51] **Int.Cl. B64C 9/00 (2006.01) B64C 13/00 (2006.01) B64C 13/24 (2006.01)**
[25] EN
[54] **ROTARY ACTUATOR FOR CONTROLLING A FLIGHT CONTROL SURFACE**
[54] **ACTIONNEUR DE ROTOR SERVANT A CONTROLER LA SURFACE DE COMMANDE DE VOL**
[72] SCHWARTZ, LAURENT, FR
[71] GOODRICH ACTUATION SYSTEMS SAS, FR
[22] 2015-10-20
[41] 2016-05-06
[30] EP (14306776.7) 2014-11-06

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[13] A1
[51] **Int.Cl. A01D 80/02 (2006.01) A01D 57/03 (2006.01) A01D 78/00 (2006.01)**
[25] EN
[54] **HARVESTER TINE HAVING A FRONT-TO-REAR PARTING LINE IN ITS STRAP AND FINGER PORTION AND ONE OR MORE DEPRESSIONS ON ITS FINGER PORTION**
[54] **DENT DE MOISSONNEUSE COMPORTANT UNE LIGNE DE SEPARATION AVANT-ARRIERE DANS SA BANDE ET UNE PORTION DE DOIGT ET UNE OU PLUSIEURS DEPRESSIONS SUR SA PORTION DE DOIGT**
[72] JASPER, EDWARD PATRICK, US
[71] HCC, INC., US
[22] 2015-10-27
[41] 2016-05-05
[30] US (62/075,569) 2014-11-05

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[13] A1
[51] **Int.Cl. H04W 68/00 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **COMMUNICATION SYSTEM EQUIPPED WITH A RADIO BEACON**
[54] **SYSTEME DE COMMUNICATION EQUIPE D'UNE BALISE RADIO**
[72] PENOT, ERIC, FR
[71] JCDECAUX SA, FR
[22] 2015-10-23
[41] 2016-05-05
[30] FR (14/60698) 2014-11-05

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G08G 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SMART PASSENGER AND FREIGHT TRANSPORTATION**
[54] **SYSTEME ET METHODE DE TRANSPORT INTELLIGENT DE PASSAGER ET DE CARGAISON**
[72] LAI, JOSEPH, US
[71] LAI, JOSEPH, US
[22] 2015-10-30
[41] 2016-05-02
[30] US (14530804) 2014-11-02

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[13] A1
[51] **Int.Cl. G07F 7/08 (2006.01)**
[25] EN
[54] **PAYMENT TERMINAL**
[54] **TERMINAL DE PAIEMENT**
[72] BERTHIAUD, OLIVIER, FR
[72] ANDRE, JEROME, FR
[71] INGENICO GROUP, FR
[22] 2015-10-28
[41] 2016-05-03
[30] FR (1460592) 2014-11-03

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[13] A1
[51] **Int.Cl. H01M 2/20 (2006.01) H01R 24/76 (2011.01) H01M 2/10 (2006.01) H02J 1/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRICAL POWER SUPPLY DEVICE**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE PORTABLE**
[72] ANDRE, JEROME, FR
[72] DEMANGE, FABIEN, FR
[72] BERTHIAUD, OLIVIER, FR
[71] INGENICO GROUP, FR
[22] 2015-10-28
[41] 2016-05-03
[30] FR (1460590) 2014-11-03

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[21] **2,910,649**
[13] A1
[51] **Int.Cl. G06T 15/04 (2011.01) G06T 13/20 (2011.01)**
[25] EN
[54] **AUTOMATED TEXTURING MAPPING AND ANIMATION FROM IMAGES**
[54] **AJOUT AUTOMATISE DE TEXTURE AUX PLANS ET ANIMATION DES IMAGES**
[72] GRIMAUD, JEAN-JACQUES, US
[71] DASSAULT SYSTEMES, FR
[22] 2015-10-29
[41] 2016-05-04
[30] US (14/532,683) 2014-11-04

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[13] A1
[51] **Int.Cl. H05K 1/18 (2006.01) G07F 7/08 (2006.01)**
[25] EN
[54] **PRINTED CIRCUIT BOARD**
[54] **CARTE DE CIRCUIT IMPRIME**
[72] BONNET, ERIC, FR
[71] INGENICO GROUP, FR
[22] 2015-10-28
[41] 2016-05-03
[30] FR (1460599) 2014-11-03

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[13] A1
[51] **Int.Cl. B60D 5/00 (2006.01) B61D 49/00 (2006.01) B62D 25/20 (2006.01) B62D 31/02 (2006.01)**
[25] FR
[54] **PASSAGEWAY DEVICE, INTENDED TO EQUIP AN ARTICULATED PUBLIC TRANSPORTATION VEHICLE, SPECIFICALLY A RAIL VEHICLE**
[54] **DISPOSITIF D'INTERCIRCULATION, DESTINE A EQUIPER UN VEHICLE ARTICULE DE TRANSPORT PUBLIC, NOTAMMENT UN VEHICULE FERROVIAIRE**
[72] COMBEAU, ERIC, FR
[72] LE BRETON, FREDERIC, FR
[72] MENANTEAU, GAETAN, FR
[72] PINAUD, YANN, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2015-10-28
[41] 2016-05-06
[30] FR (14 60 729) 2014-11-06

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[13] A1
[51] **Int.Cl. H05K 5/00 (2006.01) G07F 7/08 (2006.01)**
[25] EN
[54] **TERMINAL CASING EQUIPPED WITH A REMOVABLE HATCH HAVING A CURVILINEAR PROFILE**
[54] **LOGEMENT DE TERMINAL EQUIPE D'UNE TRAPPE AMOVIBLE AYANT UN PROFIL CURVILINEAIRE**
[72] BONNET, ERIC, FR
[72] YERNAUX, OLIVIER, FR
[71] INGENICO GROUP, FR
[22] 2015-10-28
[41] 2016-05-03
[30] FR (1460553) 2014-11-03

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[13] A1
[51] **Int.Cl. H04K 3/00 (2006.01) B61L 99/00 (2006.01) G01S 7/38 (2006.01)**
[25] FR
[54] **COMMUNICATIONS DEVICE FOR A RAIL VEHICLE, RAIL VEHICLE EQUIPPED WITH SUCH A DEVICE**
[54] **DISPOSITIF DE COMMUNICATION POUR UN VEHICULE FERROVIAIRE, VEHICULE FERROVIAIRE EQUIPE D'UN TEL DISPOSITIF**
[72] FAYT, ETIENNE, BE
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2015-10-28
[41] 2016-05-07
[30] FR (FR14 60775) 2014-11-07

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[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **ELECTRONIC ACCESS AUTHORISATION AND METHOD FOR ITS USE**
[54] **AUTORISATION D'ACCES ELECTRONIQUE ET SA METHODE D'UTILISATION**
[72] LANG, CHRISTIAN, AT
[72] SCHEIBER, ANTON, AT
[71] SKIDATA AG, AT
[22] 2015-10-29
[41] 2016-05-04
[30] EP (14191667.6) 2014-11-04

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[13] A1
[51] **Int.Cl. E04H 4/14 (2006.01)**
[25] EN
[54] **LAMINAR WATER FOUNTAIN**
[54] **FONTAINE ETAGEE**
[72] FOSSEN, JENS, US
[72] LEECH, JESSE, US
[71] CUSTOM MOLDED PRODUCTS, LLC, US
[22] 2015-10-30
[41] 2016-05-01
[30] US (14/530,701) 2014-11-01

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[13] A1
[51] **Int.Cl. A01M 21/04 (2006.01)**
[25] EN
[54] **WEED TERMINATING DEVICE USING SUPERHEATED WATER AND SPRING LOADED DISCHARGE VALVE**
[54] **APPAREIL D'ELIMINATION DE MAUVAISES HERBES EMPLOYANT DE L'EAU SUPERCHAUFFEE ET UNE SOUPAPE D'EVACUATION A RESSORT**
[72] LEACH, JOHN, CA
[71] LEACH, JOHN, CA
[22] 2015-10-28
[41] 2016-05-03
[30] US (62/074,333) 2014-11-03

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[13] A1
[51] **Int.Cl. H02H 7/26 (2006.01) H02G 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISTRIBUTING ELECTRICAL POWER**
[54] **SYSTEME ET METHODE DE DISTRIBUTION D'ENERGIE ELECTRIQUE**
[72] TENCA, PIERLUIGI, US
[72] SIHLER, CHRISTOF MARTIN, DE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-10-29
[41] 2016-05-07
[30] US (14/535,340) 2014-11-07

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[13] A1
[51] **Int.Cl. B60J 11/06 (2006.01)**
[25] EN
[54] **AUTOMOBILE BODY PROTECTOR**
[54] **PROTECTEUR DE CARROSSERIE AUTOMOBILE**
[72] GARFIELD, HENRY W., US
[71] THE GARFIELD COMPANY, INC., US
[22] 2015-10-30
[41] 2016-05-02
[30] US (62/074,060) 2014-11-02

[21] **2,910,767**
[13] A1
[51] **Int.Cl. A47G 23/02 (2006.01) B60N 3/10 (2006.01)**
[25] EN
[54] **TRAY WITH LEVELING HANDLE**
[54] **PLATEAU DOTE D'UNE POIGNEE DE MISE A NIVEAU**
[72] CAMERON, CATHY, CA
[72] HANNON, MELITTA, CA
[71] CAMERON, CATHY, CA
[71] HANNON, MELITTA, CA
[22] 2015-10-30
[41] 2016-05-07
[30] US (62/076,739) 2014-11-07

[21] **2,910,791**
[13] A1
[51] **Int.Cl. F04D 29/28 (2006.01) F02C 3/04 (2006.01) F04D 17/08 (2006.01)**
[25] EN
[54] **CENTRIFUGAL COMPRESSOR APPARATUS**
[54] **APPAREIL DE COMPRESSEUR CENTRIFUGE**
[72] DEL DONNO, ANDREW MARK, US
[72] BLACK, JUSTIN ANTHONY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-10-29
[41] 2016-05-06
[30] US (62/076,337) 2014-11-06

[21] **2,910,808**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR DETERMINING AN OPERATIONAL HEALTH SCORE**
[54] **SYSTEMES, DISPOSITIFS ET METHODES DE DETERMINATION D'UN RESULTAT DE SANTE FONCTIONNELLE**
[72] MAJUMDAR, SAYAK SACHI DULAI, US
[72] TAYLOR, ROBERT JAMES, US
[72] HOHEISAL, CHRISTOPHER SCOTT, US
[72] CRUZ, JEFFREY SCOTT, US
[72] VASGAARD, AARON, US
[72] JONES, MATTHEW, US
[71] WAL-MART STORES, INC., US
[22] 2015-11-02
[41] 2016-05-04
[30] US (62/074,898) 2014-11-04

[21] **2,910,816**
[13] A1
[51] **Int.Cl. B60Q 1/04 (2006.01)**
[25] EN
[54] **MODULAR HEADLAMP ASSEMBLY WITH A HEATING ELEMENT FOR REMOVING WATER BASED CONTAMINATION**
[54] **DISPOSITIF DE PHARE MODULAIRE DOTE D'UN ELEMENT CHAUFFANT SERVANT A ENLEVER LA CONTAMINATION PAR L'EAU**
[72] DUNN, TIMOTHY, US
[72] DIPENTI, TIMOTHY, US
[72] CHURCH, JEFFREY L., US
[72] MARLEY, MICHAEL, US
[72] HAMZIC, NEDIM, US
[72] JOHNSON, BARRY C., US
[71] TRUCK-LITE CO., LLC, US
[22] 2015-10-29
[41] 2016-05-03
[30] US (14/531,957) 2014-11-03

[21] **2,910,846**
[13] A1
[51] **Int.Cl. E06B 9/38 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **LIGHT BLOCKING ELEMENT FOR A COVERING FOR AN ARCHITECTURAL OPENING**
[54] **ELEMENT BLOQUANT LA LUMIERE DESTINE A COUVRIR UNE OUVERTURE ARCHITECTURALE**
[72] ANDERSON, RICHARD N., US
[71] HUNTER DOUGLAS INC., US
[22] 2015-10-30
[41] 2016-05-01
[30] US (62/073,965) 2014-11-01

[21] **2,910,856**
[13] A1
[51] **Int.Cl. A47L 13/22 (2006.01) A47L 11/34 (2006.01) A47L 13/20 (2006.01)**
[25] EN
[54] **STEAM MOP AND CONTROL SYSTEM THEREOF**
[54] **VADROUILLE A VAPEUR ET MECANISME DE CONTROLE ASSOCIE**
[72] LIU, JINYONG, CN
[72] ZHENG, ZHENXING, CN
[71] TSANN KUEN (ZHANGZHOU) ENTERPRISE CO., LTD., CN
[22] 2015-10-29
[41] 2016-05-04
[30] CN (201410614833.7) 2014-11-04

[21] **2,910,885**
[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/01 (2006.01) A61B 5/042 (2006.01) A61B 5/0452 (2006.01)**
[25] EN
[54] **REAL-TIME COLORING OF ELECTROPHYSIOLOGICAL MAP**
[54] **COLORIAGE EN TEMPS REEL D'UN PLAN ELECTROPHYSIOLOGIQUE**
[72] ZINO, ELIAHU, IL
[72] URMAN, ROY, IL
[72] MERSCHON, ASAF, IL
[72] AUERBACH, SHMUEL, IL
[72] ZRIHAM, YANIV BEN, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2015-11-02
[41] 2016-05-03
[30] US (14/531,130) 2014-11-03

[21] **2,910,886**
[13] A1
[51] **Int.Cl. A61B 5/05 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **REGISTRATION MAPS USING INTRA-CARDIAC SIGNALS**
[54] **PLAN D'ENREGISTREMENT EMPLOYANT DES SIGNAUX INTRACARDIAQUES**
[72] URMAN, ROY, IL
[72] KRUPNIK, RONEN, IL
[72] MIZRAHI, LIRON SHMUEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2015-11-02
[41] 2016-05-03
[30] US (14/531,112) 2014-11-03

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[13] A1
[51] **Int.Cl. B60D 1/64 (2006.01)**
[25] EN
[54] **TRAILER COUPLING DEVICE FOR MOTOR VEHICLES**
[54] **DISPOSITIF DE RACCORDEMENT DE REMORQUE POUR VEHICULES A MOTEUR**
[72] RIMMELSPACHER, BERNHARD, DE
[72] KADNIKOV, ALEKSEJ, DE
[72] GENTNER, WOLFGANG, DE
[71] SCAMBIA HOLDINGS CYPRUS LIMITED, CY
[22] 2015-10-30
[41] 2016-05-03
[30] DE (10 2014 116 000.21) 2014-11-03

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[21] **2,910,894**
[13] A1
[51] **Int.Cl. B01D 33/11 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EXTRACTING PARTICULATE FROM RAW SLURRY MATERIAL**
[54] **SYSTEMES ET PROCEDES D'EXTRACTION DE MATIERE PARTICULAIRE D'UNE MATIERE DE BOUE BRUTE**
[72] DEWAARD, DAVID, US
[71] DARITECH, INC., US
[22] 2015-11-02
[41] 2016-05-02
[30] US (62/074,086) 2014-11-02
[30] US (14/928,296) 2015-10-30

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[13] A1
[51] **Int.Cl. A47J 31/10 (2006.01)**
[25] EN
[54] **DRIP BEVERAGE MACHINE WITH BREW AND STEEP FEATURE**
[54] **MACHINE D'INFUSION DE BOISSON DOTEE DE FONCTIONNALITE DE PREPARATION ET D'INFUSION**
[72] MAO, CHONGHUI, CN
[72] LIU, RONG, US
[72] BUCKLEW, WILLIAM A., US
[72] PEIXIONG, LI, US
[71] FOCUS PRODUCTS GROUP INTERNATIONAL, LLC, US
[22] 2015-10-28
[41] 2016-05-04
[30] CN (201410617507.1) 2014-11-04
[30] CN (201420656993.3) 2014-11-04
[30] US (14/920,280) 2015-10-22

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[13] A1
[51] **Int.Cl. H01M 8/2475 (2016.01)**
[25] EN
[54] **INSULATOR AND FUEL CELL DEVICE**
[54] **ISOLANT ET DISPOSITIF DE PILE A COMBUSTIBLE**
[72] HOTTA, YUTAKA, JP
[72] NISHIUMI, HIROAKI, JP
[72] TAKAYAMA, TATEKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-10-30
[41] 2016-05-05
[30] JP (2014-224797) 2014-11-05

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[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENHANCED ADOPTIVE VALIDATION OF ATC CLEARANCE REQUESTS**
[54] **SYSTEMES ET METHODE DE VALIDATION ADOPTIVE AMELIOREE DE DEMANDES D~APPROBATION DE CA**
[72] SHAMASUNDAR, RAGHU, US
[72] JUDD, THOMAS D., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-10-30
[41] 2016-05-04
[30] US (14/532,496) 2014-11-04

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[13] A1
[51] **Int.Cl. B08B 3/10 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **STEAM CLEANING DEVICE AND ACCESSORY**
[54] **APPAREIL DE NETTOYAGE A VAPEUR ET ACCESSOIRE**
[72] HUSSEY, CHRISTOPHER, GB
[71] BLACK & DECKER INC., US
[22] 2015-11-03
[41] 2016-05-07
[30] EP (14192235.1) 2014-11-07
[30] EP (15161306.4) 2015-03-27
[30] EP (15191925.5) 2015-10-28

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[13] A1
[51] **Int.Cl. B08B 3/10 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **STEAM CLEANING DEVICE AND ACCESSORY**
[54] **APPAREIL DE NETTOYAGE A VAPEUR ET ACCESSOIRE**
[72] HUSSEY, CHRISTOPHER, GB
[71] BLACK & DECKER INC., US
[22] 2015-11-03
[41] 2016-05-07
[30] EP (14192235.1) 2014-11-07
[30] EP (15161306.4) 2015-03-27
[30] EP (15191920.6) 2015-10-28

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[13] A1
[51] **Int.Cl. B08B 3/10 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **STEAM CLEANING DEVICE AND ACCESSORY**
[54] **APPAREIL DE NETTOYAGE A VAPEUR ET ACCESSOIRE**
[72] HUSSEY, CHRISTOPHER, GB
[71] BLACK & DECKER INC., US
[22] 2015-11-03
[41] 2016-05-07
[30] EP (14192235.1) 2014-11-07
[30] EP (15161306.4) 2015-03-27
[30] EP (15191918.0) 2015-10-28

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[13] A1
[51] **Int.Cl. B08B 3/10 (2006.01) A47L 11/34 (2006.01)**
[25] EN
[54] **STEAM CLEANING DEVICE AND ACCESSORY**
[54] **APPAREIL DE NETTOYAGE A VAPEUR ET ACCESSOIRE**
[72] COOPER, VINCENT, GB
[71] BLACK & DECKER INC., US
[22] 2015-11-03
[41] 2016-05-07
[30] EP (14192235.1) 2014-11-07
[30] EP (15161306.4) 2015-03-27

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[13] A1
[51] **Int.Cl. C09K 3/18 (2006.01) C09K 17/04 (2006.01)**
[25] EN
[54] **SALT/CLAY MIXTURES AND USES THEREOF**
[54] **MELANGE DE SEL ET D'ARGILE ET SES UTILISATIONS**
[72] WELBORN, CURTIS, US
[72] GRAHAM, DOUGLAS A., US
[72] TORNESE, JOHN, US
[72] GOSS, ROBERT G., US
[72] FRYE, CHRIS, US
[71] OIL-DRI CORPORATION OF AMERICA, US
[22] 2015-11-04
[41] 2016-05-04
[30] US (62/075,050) 2014-11-04

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[13] A1
[51] **Int.Cl. A47C 1/024 (2006.01) A47C 1/14 (2006.01)**
[25] EN
[54] **RECLINING CHAIR MECHANISM**
[54] **MECANISME DE FAUTEUIL INCLINABLE**
[72] CATANA, PETRU, CA
[71] EASTFOREST HOMES LTD., CA
[22] 2015-11-03
[41] 2016-05-04
[30] US (14/532,285) 2014-11-04

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[13] A1
[51] **Int.Cl. C01B 39/24 (2006.01) B01J 29/08 (2006.01) C01B 39/02 (2006.01) C10G 47/16 (2006.01) C10G 47/20 (2006.01)**
[25] EN
[54] **MODIFIED Y MOLECULAR SIEVE AND PREPARATION METHOD AND USE THEREOF, SUPPORTED CATALYST, AND HYDROCRACKING METHOD**
[54] **TAMIS MOLECULAIRE Y MODIFIE ET METHODE DE PREPARATION ET UTILISATION DUDIT TAMIS, CATALYSEUR ACCEPTE ET METHODE D~HYDROCRAQUAGE**
[72] LIU, WEI, CN
[72] GUAN, MINGHUA, CN
[72] DU, YANZE, CN
[72] WANG, FENGLAI, CN
[72] LIU, CHANG, CN
[72] QIN, BO, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[22] 2015-11-03
[41] 2016-05-03
[30] CN (201410603764.X) 2014-11-03

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[13] A1
[51] **Int.Cl. H01M 8/2475 (2016.01)**
[25] EN
[54] **FUEL CELL DEVICE**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE**
[72] TAKEYAMA, MAKOTO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-11-03
[41] 2016-05-06
[30] JP (2014-225762) 2014-11-06

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[13] A1
[51] **Int.Cl. A47L 11/40 (2006.01) A47L 13/22 (2006.01)**
[25] EN
[54] **STEAM CLEANING DEVICE AND ACCESSORY**
[54] **APPAREIL DE NETTOYAGE A VAPEUR ET ACCESSOIRE**
[72] HUSSEY, CHRISTOPHER, GB
[71] BLACK & DECKER INC., US
[22] 2015-11-03
[41] 2016-05-07
[30] EP (14192235.1) 2014-11-07
[30] EP (15161306.4) 2015-03-27
[30] EP (15191915.6) 2015-10-28

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[13] A1
[51] **Int.Cl. H01M 8/0267 (2016.01) H01M 8/04111 (2016.01) H01M 8/2465 (2016.01)**
[25] EN
[54] **END PLATE FOR FUEL CELL, FUEL CELL, AND FUEL CELL SYSTEM**
[54] **PLAQUE D'EXTREMITE POUR PILE A COMBUSTIBLE, PILE A COMBUSTIBLE ET DISPOSITIF DE PILE A COMBUSTIBLE**
[72] TAKEYAMA, MAKOTO, JP
[72] TAKAYAMA, TATEKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-11-03
[41] 2016-05-06
[30] JP (2014-225927) 2014-11-06

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[13] A1
[51] **Int.Cl. E21B 47/005 (2012.01) E21B 47/007 (2012.01) E21B 47/00 (2012.01)**
[25] EN
[54] **HIGH FREQUENCY INSPECTION OF DOWNHOLE ENVIRONMENT**
[54] **INSPECTION A HAUTE FREQUENCE D'UN ENVIRONNEMENT DE FOND DE TROU**
[72] PULLEY, GREGORY W., US
[71] PIEZOTECH, LLC, US
[22] 2015-11-04
[41] 2016-05-05
[30] US (14/533,706) 2014-11-05

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[13] A1
[51] **Int.Cl. E21B 47/026 (2006.01) E21B 47/00 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **LOCAL LAYER GEOMETRY ENGINE WITH WORK ZONE GENERATED FROM BUFFER DEFINED RELATIVE TO A WELLBORE TRAJECTORY**
[54] **MOTEUR A GEOMETRIE PAR COUCHE LOCALE DOTE D'UNE ZONE DE TRAVAIL PRODUITE PAR UN TAMPON DEFINI PAR RAPPORT A UNE TRAJECTOIRE DE PUITS DE FORAGE**
[72] ABADIE, JOAN, FR
[72] CHASSARD, ADRIEN, FR
[72] SALEHI, MOHAMMAD TAGHI, FR
[72] ASIF, SHAHZAD A., US
[72] MORRISS, CHRISTOPHER E., US
[72] ITO, KOJI, US
[72] MAGGS, DAVID, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2015-11-04
[41] 2016-05-06
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[51] **Int.Cl. E21B 43/00 (2006.01) E21B 43/26 (2006.01)**
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[54] **MODELING FLUID-CONDUCTING FRACTURES IN RESERVOIR SIMULATION GRIDS**
[54] **MODELISATION DE FRACTURES CONDUISANT UN FLUIDE DANS LES RESEAUX DE SIMULATION DE RESERVOIR**
[72] PECHER, RADEK, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[41] 2016-05-07
[30] US (62/076,943) 2014-11-07
[30] US (14/644,306) 2015-03-11

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[54] **DECK ATTACHMENT BRACKETS AND BUILDING USING SAME**
[54] **SUPPORT DE FIXATION DE PLATEFORME ET BATIMENT EMPLOYANT LEDIT SUPPORT**
[72] BOUCHARD, JEAN-FRANCOIS, CA
[71] NAMI FIXATIONS INC., CA
[22] 2015-11-02
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[30] CA (2,869,341) 2014-11-03

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[51] **Int.Cl. C10G 69/02 (2006.01)**
[25] FR
[54] **CONVERSION PROCESS FOR OIL FEEDSTOCKS INCLUDING A HYDROCRACKING STAGE IN AN EBULLATING BED, A MATURATION STAGE AND A SEPARATION STAGE FOR THE PRODUCTION OF FUELS WITH LOW SEDIMENTCONTENT**
[54] **PROCEDE DE CONVERSION DE CHARGES PETROLIERES COMPRENANT UNE ETAPE D'HYDROCRAQUAGE EN LIT BOUILLONNANT, UNE ETAPE DE MATURATION ET UNE ETAPE DE SEPARATION DES SEDIMENTS POUR LA PRODUCTION DE FIOULS A BASSE TENEUR EN SEDIMENTS**
[72] WEISS, WILFRIED, FR
[72] BARBIER, JEREMIE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2015-11-02
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[51] **Int.Cl. B01D 53/96 (2006.01) B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01)**
[25] FR
[54] **DEACIDIFICATION PROCESS FOR A GASEOUS EFFLUENT BY AN ABSORBANT SOLUTION WITH STEAM INJECTION INTO THE REGENERATED ABSORBANT SOLUTION AND DEVICE FOR ITS IMPLEMENTATION**
[54] **PROCEDE DE DESACIDIFICATION D'UN EFFLUENT GAZEUX PAR UNE SOLUTION ABSORBANTE AVEC INJECTION DE VAPEUR DANS LA SOLUTION ABSORBANTE REGENEREE ET DISPOSITIF POUR SA MISE EN OEUVRE**
[72] RAYNAL, LUDOVIC, FR
[72] DREILLARD, MATTHIEU, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2015-11-02
[41] 2016-05-04
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[54] **INSTANT HOT/COLD SEAT**
[54] **SIEGE CHAUD/FROID INSTANTANEMENT**
[72] KOZLOWSKI, ERIC, US
[71] MAGNA SEATING INC., CA
[22] 2015-11-04
[41] 2016-05-04
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[25] EN
[54] **REINFORCED CONTAINERS AND BLANKS FOR MAKING THE SAME**
[54] **CONTENANTS RENFORCES ET EBAUCHES SERVANT A LEUR FABRICATION**
[72] AGUIRRE, RAY, US
[71] WESTROCK SHARED SERVICES, LLC, US
[22] 2015-11-04
[41] 2016-05-04
[30] US (62/074,909) 2014-11-04
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[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **SHAPE MEMORY POLYMER PROPPANTS AND METHODS OF MAKING SHAPE MEMORY POLYMER PROPPANTS FOR APPLICATION IN HYDRAULIC FRACTURING TREATMENTS**
[54] **AGENTS DE SOUTENEMENT EN POLYMERE A MEMOIRE DE FORME ET PROCEDES DE FABRICATION D'AGENTS DE SOUTENEMENT EN POLYMERE A MEMOIRE DE FORME DESTINES AUX TRAITEMENTS PAR FRACTURATION HYDRAULIQUE**
[72] DAHI TALEGHANI, ARASH, US
[72] SHOJAEI, AMIR, US
[72] LI, GUOQIANG, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[51] **Int.Cl. B01D 46/44 (2006.01)**
[25] EN
[54] **AIR FILTRATION SYSTEM**
[54] **SYSTEME DE FILTRATION D'AIR**
[72] BOHRER, DAVID, US
[72] BOHRER, DUWAYNE, US
[72] BOHRER, DANIEL, US
[72] RICH, THOMAS SCOTT, US
[71] IVEC SYSTEMS, LLC, US
[22] 2015-11-04
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[51] **Int.Cl. C10C 3/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING DILUENT RECOVERY BY A DILUENT RECOVERY UNIT**
[54] **SYSTEME ET METHODE D'OPTIMISATION DE LA RECUPERATION DE DILUANT AU MOYEN D'UN MODULE DE RECUPERATION DE DILUANT**
[72] BULBUC, DANIEL, CA
[72] ENGLER-COOPER, CHRISTINE, CA
[72] BHATTACHARYA, SUJIT, CA
[72] ANSARI, NESMA, CA
[72] CRICKMORE, PETER, CA
[72] MUELLER, DAVID, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2015-11-03
[41] 2016-05-04
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[51] **Int.Cl. B01D 46/00 (2006.01) B08B 15/00 (2006.01) B28C 7/14 (2006.01) C10C 3/12 (2006.01) C04B 26/26 (2006.01)**
[25] EN
[54] **POLLUTION CONTROL SYSTEM AND METHOD FOR HOT-MIX ASPHALT MANUFACTURING**
[54] **SYSTEME ET METHODE DE CONTROLE DE LA POLLUTION DESTINES A LA FABRICATION D~ASPHALTE MELANGE A CHAUD**
[72] FRANK, ROBERT E., US
[71] RAP TECHNOLOGIES, LLC, US
[22] 2015-11-03
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[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING A MOBILE EQUIPMENT FLEET**
[54] **METHODE ET SYSTEME DE GESTION D'UN PARC D'EQUIPEMENTS MOBILES**
[72] WOHLGEMUTH, PAUL, CA
[72] BLANCHE, ED, CA
[72] PARSONS, IAN, CA
[72] READ, PETER, CA
[72] GOGOLINSKI, KYLE, CA
[72] NOER, MICHELLE, CA
[72] GREENWOOD, DAVID, CA
[71] SYNCRUDE CANADA LTD., CA
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[51] **Int.Cl. C10M 133/08 (2006.01) C10M 129/74 (2006.01) C10M 141/10 (2006.01)**
[25] EN
[54] **POWER TRANSMITTING FLUIDS WITH IMPROVED MATERIALS COMPATIBILITY**
[54] **FLUIDES DE TRANSMISSION D'ENERGIE OFFRANT UNE COMPATIBILITE DE MATERIAUX AMELIOREE**
[72] WATTS, RAYMOND F., US
[72] GORDA, KEITH R., US
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[25] EN
[54] **SMART MISSION CRITICAL RACK**
[54] **SUPPORT INTELLIGENT POUR MISSION CRITIQUE**
[72] HAROUN, HUSSAM, CA
[71] CINNOS TECHNOLOGIES, INC., CA
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[51] **Int.Cl. C02F 3/00 (2006.01) C02F 1/00 (2006.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01)**
[25] EN
[54] **BIOLOGICAL LOAD FOR BIOREACTOR**
[54] **CHARGE BIOLOGIQUE POUR BIOREACTEUR**
[72] PUKEMO, MIKHAIL, CA
[71] PUKEMO, MIKHAIL, CA
[22] 2015-11-06
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[30] RU (2014144740) 2014-11-07
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[51] **Int.Cl. A01M 31/02 (2006.01) E04G 1/15 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **ASSISTIVE APPARATUS AND METHOD FOR HANGING A TREE STAND**
[54] **APPAREIL ET METHODE D'AIDE A L'ACCROCHAGE D'UN TUTEUR D'ARBRE**
[72] GERRY, THEODORE ROBERT, US
[71] GERRY, THEODORE ROBERT, US
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[51] **Int.Cl. B63B 17/02 (2006.01)**
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[54] **ARTICULATED TOP**
[54] **DESSUS ARTICULE**
[72] STOUT, KENNETH L., US
[72] HOUGH, JUSTIN B., US
[71] DOWCO, INC., US
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[41] 2016-05-07
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[51] **Int.Cl. A63B 63/04 (2006.01) A63B 63/00 (2006.01)**
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[54] **LACROSSE TARGET**
[54] **CIBLE POUR JEU DE CROSSE**
[72] THUR, DAVID, CA
[71] MUSKOKA MILLWRIGHTING AND MACHINING LTD., CA
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[51] **Int.Cl. G05B 19/042 (2006.01) A61F 9/00 (2006.01) G02C 7/02 (2006.01) G02C 7/04 (2006.01) G05F 1/46 (2006.01) H02J 7/00 (2006.01) H03K 17/56 (2006.01)**
[25] EN
[54] **WAKE CIRCUIT FOR POWERED OPHTHALMIC LENS**
[54] **CIRCUIT DE REVEIL POUR LENTILLES OPHTALMIQUES ELECTRIQUES**
[72] HUMPHREYS, SCOTT ROBERT, US
[72] SCHWEICKERT, ROBERT KARL, US
[72] HOGGARTH, STEVEN PHILLIP, US
[72] GORJI ZADEH, SEYED ALI, US
[72] WHITNEY, DONALD K., JR., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR FUNCTIONAL BALANCE ASSESSMENT**
[54] **METHODE ET SYSTEME D'EVALUATION DE L'EQUILIBRE FONCTIONNEL**
[72] BARRALON, PIERRE, ES
[71] FUNDACION TECNALIA RESEARCH & INNOVATION, ES
[22] 2015-11-05
[41] 2016-05-06
[30] EP (EP14382441) 2014-11-06

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **INDEXING STIMULATING SLEEVE AND OTHER DOWNHOLE TOOLS**
[54] **MANCHON DE STIMULATION D'INDEXATION ET AUTRES OUTILS DE FOND DE TROU**
[72] GONZALEZ, DICK S., US
[72] GARCIA, CESAR G., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[51] **Int.Cl. C23F 11/167 (2006.01) C09K 8/54 (2006.01) C23F 11/12 (2006.01) E21B 37/06 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CORROSION INHIBITORS FOR DRILLING FLUID BRINES**
[54] **INHIBITEURS DE CORROSION DESTINES AU FORAGE EN EAUX HYPERSALINES**
[72] ZAID, GENE H., US
[72] HORTON, DAVID P., CA
[72] BRASHEAR, KIM, US
[71] JACAM CHEMICAL COMPANY 2013, LLC, US
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[30] US (62/076,277) 2014-11-06
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[51] **Int.Cl. B65G 67/24 (2006.01)**
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[54] **UNLOAD TEE**
[54] **TE DE DECHARGE**
[72] LINHORST, THOMAS, US
[72] LONG, JOHN, US
[71] BRAY INTERNATIONAL, INC., US
[22] 2015-11-09
[41] 2016-05-07
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[51] **Int.Cl. H04W 16/10 (2009.01) H04B 7/185 (2006.01)**
[25] FR
[54] **MULTI-BEAM, WIDE BAND SATELLITE RADIOCOMMUNICATIONS SYSTEM CONFIGURED FOR IMPROVED REUSE OF FREQUENCIES AND IMPROVED FREQUENCY REUSE METHOD**
[54] **SYSTEME DE RADIOCOMMUNICATIONS SATELLITAIRE MULTIFAISCEAUX LARGE BANDE CONFIGURE POUR UNE REUTILISATION AMELIOREE DE FREQUENCES ET PROCEDE DE REUTILISATION AMELIOREE DE FREQUENCES**
[72] HIRSCH, ANTONIN, FR
[72] CORBEL, ERWAN, FR
[72] MATEUS, JEAN-MICHEL, FR
[72] LENORMAND, REGIS, FR
[72] MAILLET, OLIVIER, FR
[71] THALES, FR
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[51] **Int.Cl. A01G 13/00 (2006.01) A01G 13/02 (2006.01)**
[25] EN
[54] **EXPANDABLE TREE PROTECTION DEVICE**
[54] **DISPOSITIF EXTENSIBLE DE PROTECTION D'ARBRE**
[72] BROWN, WILLIAM A., US
[71] BROWN, WILLIAM A., US
[22] 2015-11-06
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[51] **Int.Cl. E21B 36/00 (2006.01) E21B 34/04 (2006.01) E21B 43/24 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR INCREASING MOBILITY OF A RESERVOIR FLUID IN A HYDROCARBON-BEARING FORMATION**
[54] **UN PROCEDE ET UN MECANISME SERVANT A ACCROITRE LA MOBILITE D~UN FLUIDE DE RESERVOIR DANS UNE FORMATION PORTEUSE D~HYDROCARBURES**
[72] CHARLTON, ALEXANDER JAMES, CA
[72] PEREZ DAMAS, CARLOS EMILIO, CA
[72] TOEWS, MATTHEW ABRAM, CA
[71] CENOVUS ENERGY INC., CA
[22] 2015-11-06
[41] 2016-05-07
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[51] **Int.Cl. E01C 9/08 (2006.01) E01D 15/12 (2006.01) H01R 4/66 (2006.01) H02G 1/02 (2006.01)**
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[54] **TAPIS D'ACCES EN BOIS DOTE DE MISE A LA TERRE**
[72] KLEIN, ERIK D., US
[71] KLEIN, ERIK D., US
[22] 2015-11-09
[41] 2016-05-07
[30] US (62/077014) 2014-11-07
[30] US (62/080343) 2014-11-16
[30] US (62/092088) 2014-12-15

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[13] A1
[51] **Int.Cl. F28F 13/00 (2006.01) F28F 21/08 (2006.01) F28F 23/00 (2006.01)**
[25] EN
[54] **VARIABLE GEOMETRY HEAT EXCHANGER APPARATUS**
[54] **APPAREIL ECHANGEUR DE CHALEUR A GEOMETRIE VARIABLE**
[72] DIAZ, CARLOS ENRIQUE, US
[72] GERSTLER, WILLIAM DWIGHT, US
[72] STORAGE, MICHAEL RALPH, US
[72] KENWORTHY, MICHAEL THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. E04F 15/18 (2006.01)**
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[54] **MEMBRANE**
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[72] COMITALE, JOE, CA
[72] JULTON, SVEIN, CA
[71] COMITALE, JOE, CA
[71] JULTON, SVEIN, CA
[22] 2015-11-06
[41] 2016-05-06
[30] US (62/075,953) 2014-11-06

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[51] **Int.Cl. G01V 3/165 (2006.01)**
[25] EN
[54] **AIRBORNE GEOPHYSICAL SURVEY SYSTEM**
[54] **SYSTEME DE SONDAGE GEOPHYSIQUE AEROPORTE**
[72] VOWLES, ALAN, CA
[71] VOWLES, ALAN, CA
[22] 2015-11-05
[41] 2016-05-05
[30] US (62/075,674) 2014-11-05

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[51] **Int.Cl. B27B 25/00 (2006.01)**
[25] EN
[54] **FEEDING DEVICE FOR AXIAL FEEDING OF LOGS**
[54] **DISPOSITIF D'ALIMENTATION DESTINE A L'ALIMENTATION AXIALE DE BILLOTS**
[72] JONAS, LJUNG, SE
[71] SODERHAMN ERIKSSON AB, SE
[22] 2015-12-21
[41] 2016-05-05

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[51] **Int.Cl. A44C 5/00 (2006.01) A45D 8/36 (2006.01)**
[25] EN
[54] **A PERSONAL ACCESSORY APPARATUS**
[54] **UN ARRANGEMENT D'ACCESSOIRE PERSONNEL**
[72] RIZZUTO, LEANDRO P., US
[71] CONAIR CORPORATION, US
[22] 2016-02-29
[41] 2016-05-03
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[51] **Int.Cl. H01M 8/04029 (2016.01) H01M 8/04701 (2016.01)**
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[54] **FUEL CELL SYSTEM AND CONTROL METHOD THEREOF**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE COMMANDE ASSOCIEE**
[72] SATO, HIROMICHI, JP
[72] HASEGAWA, SHIGEKI, JP
[72] IIO, ATSUO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-03-01
[41] 2016-05-02
[30] JP (2015-081273) 2015-04-10

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[51] **Int.Cl. B61F 13/00 (2006.01) B61B 13/04 (2006.01)**
[25] EN
[54] **SAFETY WHEEL ASSEMBLY FOR A GUIDED VEHICLE**
[54] **ARRANGEMENT DE ROUE DE SECOURS POUR VEHICULE GUIDE**
[72] TIMAN, PETER, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[22] 2016-03-03
[41] 2016-05-04

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[13] A1
[51] **Int.Cl. A61M 16/01 (2006.01) A61B 34/10 (2016.01) G09B 9/00 (2006.01)**
[25] EN
[54] **ANESTHESIA APPARATUS ADAPTED FOR OPERATING IN ONE OF A GAS-DISPENSING MODE AND A GAS-LESS SIMULATION MODE**
[54] **APPAREIL D'ANESTHESIE ADAPTE POUR FONCTIONNER DANS UN D'UN MODE DE DISTRIBUTION DE GAZ OU D'UN MODE DE SIMULATION SANS GAZ**
[72] AZEVEDO, HUGO, CA
[71] CAE HEALTHCARE CANADA INC, CA
[22] 2016-03-08
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[51] **Int.Cl. G09B 23/28 (2006.01) A61M 16/00 (2006.01) A61M 16/01 (2006.01) A61M 16/10 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **PATIENT SIMULATION SYSTEM ADAPTED FOR INTERACTING WITH A MEDICAL APPARATUS**
[54] **SYSTEME DE SIMULATION DE PATIENT ADAPTE POUR UNE INTERACTION AVEC UN APPAREIL MEDICAL**
[72] AZEVEDO, HUGO, CA
[71] CAE HEALTHCARE CANADA INC, CA
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[41] 2016-05-06

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[54] **TALAR DOME FIXATION STEM**
[54] **TIGE DE FIXATION DE LA TETE D'ASTRAGALE**
[72] WONG, KIAN-MING, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-21
[86] 2014-11-07 (PCT/US2014/064572)
[87] (2889245)

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[13] A1
[51] **Int.Cl. B61F 1/00 (2006.01) B61D 3/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A MULTIPLE AXLE RAILCAR HAVING A SPAN BOLSTER**
[54] **METHODE DE FABRICATION D'UN WAGON PORTE-RAILS MULTI-ESSIEU DOTE D'UNE TRAVERSE PIVOT DE TRAVEE**
[72] ODDEN, JON, US
[72] STULL, DAVE, US
[71] KASGRO RAIL CORP., US
[85] 2015-09-08
[86] 2015-04-30 (PCT/US2015/028569)
[87] (2903513)
[30] US (62/074,124) 2014-11-03

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[54] **METHOD OF SEARCHING FOR OIL-GAS RESERVOIR BASED ON TRAP-3D SOFTWARE**
[54] **METHODE DE RECHERCHE DE RESERVOIR DE PETROLE ET DE GAZ FONDEE SUR UN LOGICIEL TRAP-3D**
[72] LI, QINGZHONG, CN
[72] ZHANG, LIBIN, CN
[72] ZHANG, XIAOMIN, CN
[71] CHINA NATIONAL PETROLEUM CORPORATION, CN
[71] BGP INC., CHINA NATIONAL PETROLEUM CORPORATION, CN
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[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DIFFUSES, APPAREIL DE RECEPTION DE SIGNAUX DIFFUSES, METHODE DE TRANSMISSION DE SIGNAUX DIFFUSES ET METHODE DE RECEPTION DE SIGNAUX DIFFUSES**
[72] KWAK, MINSUNG, KR
[72] LEE, JANGWON, KR
[72] MOON, KYOUNGSOO, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-02-09
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[87] (2920226)
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[54] **GROUND TO AIR ANTENNA ARRAY**
[54] **RESEAU D'ANTENNES SOL-AIR**
[72] HOJJAT, NASRIN, CA
[72] GAVRILOVIC, MINYA, CA
[72] BROMLEY, DES, CA
[71] COMMUNICATION COMPONENTS ANTENNA INC., CA
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[25] EN
[54] **MEASUREMENT OF ELECTRICAL VARIABLES ON A DC FURNACE**
[54] **MESURE DE VARIABLES ELECTRIQUES EFFECTUEE SUR UN FOUR CC**
[72] BARKER, IAN JAMES, ZA
[72] REYNOLDS, QUINN GARETH, ZA
[72] HOCKADAY, CHRISTOPHER JAMES, ZA
[72] JORDAN, DOMINIC TIMOTHY, ZA
[71] MINTEK, ZA
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[25] EN
[54] **NEW POLY(ETHYLENE IMINE)-BASED COPOLYMERS FOR BONDING TO AND RELEASING GENETIC MATERIAL, IN PARTICULAR DNA/RNA, AND METHOD FOR THE PRODUCTION AND USE OF SAME**
[54] **NOUVEAUX COPOLYMERES A BASE DE POLY(ETHYLENE-IMINE) POUR LA LIAISON ET LA LIBERATION DE MATERIEL GENETIQUE, EN PARTICULIER D'ADN/ARN, PROCEDE DE PREPARATION ET UTILISATION DE CESCOPOLYMERES**
[72] ENGLERT, CHRISTOPH, DE
[72] TAUHARDT, LUTZ, DE
[72] GOTTSCHALK, MICHAEL, DE
[72] SCHUBERT, ULRICH S., DE
[71] FRIEDRICH-SCHILLER-UNIVERSITAT JENA, DE
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[54] **SUPPORT DE TUBE DE GENERATEUR DE VAPEUR**
[72] KOSKI, WILLIAM, US
[72] LISZKAI, THOMAS, US
[72] KRUSKAMP, ALEX, US
[72] CADELL, SETH, US
[72] POLLOCK, WESTON, US
[71] NUSCALE POWER, LLC, US
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[86] 2014-09-25 (PCT/US2014/057539)
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[30] US (61/921,044) 2013-12-26
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[25] EN
[54] **SANITATION DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE DESINFECTION**
[72] BARLOW, DAVID GEORGE, US
[71] DR. JOHN'S LABS LLC, US
[85] 2016-04-07
[86] 2015-10-07 (PCT/US2015/054558)
[87] (2926670)
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[54] **SUPPORT DEVICE AND METHODS FOR IMPROVING AND CONSTRUCTING A SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT ET PROCEDES POUR AMELIORER ET CONSTRUIRE UN DISPOSITIF DE SUPPORT**
[72] COOK, TIMOTHY WADE, NO
[71] TOWER DYNAMICS LLC, US
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[86] 2014-03-24 (PCT/EP2014/055864)
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[54] **BARRE DE LEVAGE SCULPTEE**
[72] MOHANKA, MADAN MOHAN, IN
[72] GHOSH, SOME NATH, IN
[71] TEGA INDUSTRIES LIMITED, IN
[85] 2016-04-08
[86] 2014-10-17 (PCT/IN2014/000659)
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[25] EN
[54] **BACTERIOSTATIC AND FUNGISTATIC ADDITIVE IN MASTERBATCH FOR APPLICATION IN PLASTICS, AND METHOD FOR PRODUCING SAME**
[54] **ADDITIF BACTERIOSTATIQUE ET FONGISTATIQUE EN MELANGE MAITRE POUR UNE APPLICATION SUR DES PLASTIQUES ET PROCEDE D'OBTENTION DE CELUI-CI**
[72] BENAVIDES PEREZ, RICARDO, MX
[72] BOCANEGRA ROJAS, JOSE GERTRUDIS, MX
[72] TENA SALCIDO, CARLOS SERGIO, MX
[71] SERVICIOS ADMINISTRATIVOS PENOLES, S.A. DE C.V., MX
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[25] EN
[54] **RAISE BORING MACHINE WITH CHANGEABLE LENGTH, METHOD AND RAISE BORING RIG**
[54] **FOREUSE DE MONTAGE A LONGUEUR CHANGEABLE, PROCEDE ET GABARIT DE FORAGE DE MONTAGE**
[72] JORMVIK, FREDRIK, SE
[71] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2016-03-30
[86] 2014-09-29 (PCT/SE2014/051129)
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[25] EN
[54] **SYSTEM AND WORKSTATION FOR THE DESIGN, FABRICATION AND ASSEMBLY OF BIO-MATERIAL CONSTRUCTS**
[54] **SYSTEME ET POSTE DE TRAVAIL POUR LA CONCEPTION, LA FABRICATION ET L'ASSEMBLAGE DE STRUCTURES DE BIOMATERIAUX**
[72] GOLWAY, MICHAEL, US
[72] PALMER, JUSTIN C., US
[72] ELI, JEFFREY KYLE, US
[72] BARTLETT, JOSHUA D., US
[72] COLLINS, ELLSWORTH H., US
[71] ADVANCED SOLUTIONS LIFE SCIENCES, LLC, US
[85] 2016-04-08
[86] 2014-10-10 (PCT/US2014/060042)
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[25] EN
[54] **MUSCLE CELL PATCHES AND USES THEREFOR**
[54] **TIMBRES DE CELLULE MUSCULAIRE ET LEURS UTILISATIONS**
[72] LANCASTER, JORDAN J., US
[72] GOLDMAN, STEVEN, US
[71] THE UNIVERSITY OF ARIZONA, US
[71] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2016-04-11
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[25] EN
[54] **FOOD COMPOSITION**
[54] **COMPOSITION ALIMENTAIRE**
[72] CONTI, AMEDEO, IT
[72] MORO, GUIDO, IT
[72] CAVALLARIN, LAURA, IT
[72] BERTINO, ENRICO, IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[71] UNIVERSITA' DEGLI STUDI DI TORINO, IT
[71] CONTI, AMEDEO, IT
[71] MORO, GUIDO, IT
[85] 2016-04-11
[86] 2014-10-14 (PCT/IB2014/065295)
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[51] **Int.Cl. A23P 20/20 (2016.01) A23L 7/122 (2016.01) A23P 30/10 (2016.01) A47J 43/20 (2006.01)**
[25] EN
[54] **MOULD FOR MAKING STUFFED OR FILLED FOOD PRODUCTS, IN PARTICULAR SICILIAN ARANCINI**
[54] **MOULE POUR FABRIQUER DES PRODUITS ALIMENTAIRES FOURRES OU REMPLIS, EN PARTICULIER DES ARANCINI SICILIENS**
[72] MELE, MARIA NELLA, IT
[71] MELE, MARIA NELLA, IT
[85] 2016-04-12
[86] 2013-11-19 (PCT/IB2013/060239)
[87] (WO2014/080335)
[30] IT (RG2012U000004) 2012-11-26
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[51] **Int.Cl. G06F 19/22 (2011.01) G06F 19/10 (2011.01) C12Q 1/68 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION ALLELE IDENTIFICATION**
[54] **IDENTIFICATION D'ALLELES A HAUTE RESOLUTION**
[72] BAI, YU, US
[72] FURY, WEN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2016-04-13
[86] 2014-10-14 (PCT/IB2014/002843)
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[51] **Int.Cl. C25B 9/00 (2006.01) C25B 1/02 (2006.01) H01M 8/04014 (2016.01)**
[25] EN
[54] **A SYSTEM FOR UTILIZING EXCESS HEAT FOR CARRYING OUT ELECTROCHEMICAL REACTIONS**
[54] **SYSTEME POUR UTILISER UNE CHALEUR EN EXCES POUR CONDUIRE DES REACTIONS ELECTROCHIMIQUES**
[72] HARPAZ, ROI, IL
[72] SCHEINER, DAVID, IL
[71] NEWCO2FUELS LTD., IL
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[86] 2014-09-29 (PCT/IL2014/000049)
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[54] **BLOC CONNECTEUR TUBULAIRE MULTIVOIES A RAINURES**
[72] DAVIS, MARK RODNEY, ZA
[71] MASTER BLASTER PROPRIETARY LIMITED, ZA
[85] 2016-04-12
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[25] EN
[54] **METHOD FOR MODULATING PLANT GROWTH**
[54] **METHODE DE MODULATION DE LA CROISSANCE DES PLANTES**
[72] DJORDJEVIC, MICHAEL, AU
[72] IMIN, NIJAT, AU
[72] DELAY, CHRISTINA, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
[85] 2016-04-13
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[54] **GLUCAGON ANALOGUES**
[54] **ANALOGUES DU GLUCAGON**
[72] RIBER, DITTE, DK
[72] TOLBORG, JAKOB LIND, DK
[72] HAMPRECHT, DIETER WOLFGANG, DE
[71] ZEALAND PHARMA A/S, DK
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[51] **Int.Cl. G06F 17/40 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **ESTABLISHING USER-CONFIDENCE LEVELS OF DATA INPUTS**
[54] **ETABLISSEMENT DE NIVEAUX DE CONFIANCE UTILISATEUR D'ENTREES DE DONNEES**
[72] ABBATE, ALAIN D., US
[72] BLANCO, ALEJANDRO G., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-04-18
[86] 2014-10-20 (PCT/US2014/061312)
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[30] US (14/064,600) 2013-10-28

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[51] **Int.Cl. A61B 5/0476 (2006.01) A61M 21/00 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR PROVIDING A WAKING MECHANISM**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UN MECANISME DE REVEIL**
[72] HILL, NATHANEAL, US
[72] MILLER, JONATHAN, US
[72] ADAMS, LOREN, US
[72] KRATZER, LOGAN TEANCUM, US
[71] NODSTOP, LLC, US
[85] 2016-04-18
[86] 2014-10-20 (PCT/US2014/061357)
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[30] US (61/892,804) 2013-10-18
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[51] **Int.Cl. B29C 67/24 (2006.01)**
[25] EN
[54] **MOLDING TOOLS WITH INTERCHANGEABLE INSERTS TO FORM A VARIETY OF PARTS WITH DIFFERING GEOMETRIES FROM A SINGLE TOOL**
[54] **OUTILS DE MOULAGE AYANT DES INSERTS INTERCHANGEABLES POUR FORMER UNE VARIETE DE PIECES DE GEOMETRIES DIFFERENTES A PARTIR D'UN SEUL OUTIL**
[72] COOK, JOSEPH R., US
[71] COOK, JOSEPH R., US
[85] 2016-04-18
[86] 2014-10-20 (PCT/US2014/061365)
[87] (WO2015/058189)
[30] US (14/057,656) 2013-10-18

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[25] EN
[54] **SYSTEM AND METHOD FOR PREDICTING SCOLIOSIS PROGRESSION**
[54] **SYSTEME ET PROCEDE DE PREDICTION DE LA PROGRESSION DE LA SCOLIOSE**
[72] DE GUISE, JACQUES, CA
[72] LABELLE, HUBERT, CA
[72] MAC-THIONG, JEAN-MARC, CA
[72] NAULT, MARIE-LYNE, CA
[72] PARENT, STEFAN, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[71] VALORISATION HSJ, LIMITED PARTNERSHIP, CA
[85] 2016-03-31
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[54] **PROVIDING OFFERS AND ASSOCIATED LOCATION INFORMATION**
[54] **PRESENTATION D'OFFRES ET D'INFORMATIONS D'EMPLACEMENT ASSOCIEES**
[72] GEORGOFF, MICHAEL THOMAS, US
[72] SHOWERS, BRIAN KEITH, US
[72] THRONDSON, SCOTT JASON, US
[71] RETAILMENOT, INC., US
[85] 2016-04-19
[86] 2014-10-17 (PCT/US2014/061152)
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[51] **Int.Cl. C22C 38/18 (2006.01)**
[25] EN
[54] **PRODUCTION OF LOW CARBON CHROMIUM IRON ALLOYS FROM CHROMITE CONCENTRATES**
[54] **PRODUCTION D'ALLIAGES DE FER ET DE CHROME A FAIBLE TENEUR EN CARBONE A PARTIR DE CONCENTRES DE CHROMITE**
[72] WINTER, FRANK, US
[71] KWG RESOURCES, INC., CA
[85] 2016-04-19
[86] 2014-10-21 (PCT/US2014/061458)
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[30] US (61/893,407) 2013-10-21

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[51] **Int.Cl. A63B 63/00 (2006.01) A63B 69/00 (2006.01)**
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[54] **ENTANGLEMENT OBSTACLE**
[54] **OBSTACLE A UN ENCHEVETREMENT**
[72] MASSERANT, KEITH, US
[72] VANCAMP, CRAIG, US
[71] MID-AMERICAN GUNITE, INC. DBA MID-AMERICAN GROUP, US
[85] 2016-04-19
[86] 2014-10-21 (PCT/US2014/061516)
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[30] US (61/894,616) 2013-10-23

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[13] A1
[51] **Int.Cl. A61L 27/18 (2006.01) A61F 2/16 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **SOFT ACRYLIC MATERIALS WITH HIGH REFRACTIVE INDEX AND MINIMIZED GLISTENING**
[54] **MATERIAUX ACRYLIQUES SOUPLES AVEC UN INDICE DE REFRACTION ELEVE ET UNE BRILLANCE MINIMISEE**
[72] JIANG, XUWEI, US
[72] SCHLUETER, DOUGLAS, US
[72] LAREDO, WALTER, US
[71] NOVARTIS AG, CH
[85] 2016-04-18
[86] 2014-12-02 (PCT/US2014/068056)
[87] (WO2015/084788)
[30] US (61/911,547) 2013-12-04

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[13] A1
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MULTI-STAGE FRACTURING WITH SMART FRACK SLEEVES WHILE LEAVING A FULL FLOW BORE**
[54] **FRACTURATION EN PLUSIEURS ETAPES AVEC DES MANCHONS DE FRACTURATION INTELLIGENTS TOUT EN LAISSANT UN ORIFICE A PLEIN DEBIT**
[72] HULSEWE, EWOUD J., US
[72] WOOD, EDWARD T., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-04-19
[86] 2014-10-22 (PCT/US2014/061778)
[87] (WO2015/061456)
[30] US (14/063,171) 2013-10-25

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/89 (2006.01)**
[25] EN
[54] **LIPID FORMULATIONS FOR DELIVERY OF MESSENGER RNA**
[54] **FORMULATIONS DE LIPIDE POUR L'ADMINISTRATION D'ARN MESSAGER**
[72] HEARTLEIN, MICHAEL, US
[72] ANDERSON, DANIEL, US
[72] DONG, YIZHOU, US
[72] DEROSA, FRANK, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2016-04-19
[86] 2014-10-22 (PCT/US2014/061793)
[87] (WO2015/061467)
[30] US (61/894,299) 2013-10-22
[30] US (61/953,516) 2014-03-14

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[25] EN
[54] **SYSTEM AND PROCESS FOR DISPENSING MULTIPLE AND LOW RATE AGRICULTURAL PRODUCTS**
[54] **SYSTEME ET PROCEDE POUR DISTRIBUER DE MULTIPLES PRODUITS AGRICOLES A FAIBLE TAUX**
[72] CONRAD, LARRY M., US
[72] RYSDAM, REX A., US
[72] CLAUSSEN, NATHANIEL R., US
[72] PORTER, RICHARD M., US
[71] AMVAC C.V., US
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[54] **SENSOR WITH OPTICAL INTERFACE**
[54] **CAPTEUR A INTERFACE OPTIQUE**
[72] LARSON, ERIC ALLAN, US
[72] LEBRON, VOLTAIRE ISAAC, US
[72] HOLZ, KEVIN, US
[72] RODRIGUEZ, JASSON, US
[72] KANTAK, AMEYA, US
[72] AASMUL, SOREN, DK
[71] MEDTRONIC MINIMED, INC., US
[85] 2016-04-19
[86] 2014-10-23 (PCT/US2014/062008)
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[30] US (61/895,783) 2013-10-25
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[54] **ELECTRONIC GAUGE FOR A COMPRESSED GAS CYLINDER**
[54] **JAUGE ELECTRONIQUE POUR BOUTEILLE DE GAZ COMPRIME**
[72] ALLEN, TIM, GB
[71] LUXFER GAS CYLINDERS LIMITED, GB
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[25] EN
[54] **HUMAN T CELL LINE ASSAY FOR EVALUATING THE IMMUNOLOGIC IDENTITY OF GLATIRAMER ACETATE PREPARATIONS**
[54] **DOSAGE DE LIGNEE DE CELLULES T HUMAINES POUR EVALUER L'IDENTITE IMMUNOLOGIQUE DE PREPARATIONS D'ACETATE DE GLATIRAMERE**
[72] SMITH, JEFFREY P., US
[72] LIPSKY, PETER E., US
[72] LODGE, ANNE, US
[71] MYLAN INC., US
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[54] **GENERATING IMAGE COMPOSITIONS**
[54] **PRODUCTION DE COMPOSITIONS D'IMAGES**
[72] MURPHY-CHUTORIAN, ERIK, US
[72] STEINER, MATTHEW, US
[72] DAI, SHENGYANG, US
[72] KAZEMI, VAHID, US
[71] GOOGLE INC., US
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[25] EN
[54] **METHODS FOR OXIME CONJUGATION TO KETONE-MODIFIED POLYPEPTIDES**
[54] **PROCEDES DE CONJUGAISON OXIME A DES POLYPEPTIDE A MODIFICATION CETONE**
[72] HU, QI-YING, US
[72] IMASE, HIDETOMO, US
[71] NOVARTIS AG, CH
[85] 2016-04-19
[86] 2014-11-24 (PCT/IB2014/066300)
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[30] US (61/909,236) 2013-11-26
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[54] **REFERENCE SIGNAL GENERATION IN A WIRELESS COMMUNICATION SYSTEM**
[54] **GENERATION D'UN SIGNAL DE REFERENCE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] YERRAMALLI, SRINIVAS, US
[72] LUO, TAO, US
[72] MALLADI, DURGA PRASAD, US
[72] BHUSHAN, NAGA, US
[72] WEI, YONGBIN, US
[72] GAAL, PETER, US
[72] CHEN, WANSHI, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] JI, TINGFANG, US
[72] SUKHAVASI, RAVI TEJA, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-04-19
[86] 2014-11-05 (PCT/US2014/064003)
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[54] **A METHOD OF OPERATING A THREE PHASE PRIMARY WINDING STRUCTURE AND A PRIMARY UNIT**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE STRUCTURE D'ENROULEMENT PRIMAIRE TRIPHASEE, ET UNITE PRIMAIRE**
[72] CZAINSKI, ROBERT, PL
[72] ANDERS, DOMINIK, DE
[72] SAFAEE, ALIREZA, US
[72] WORONOWICZ, KONRAD, CA
[71] BOMBARDIER PRIMOVE GMBH, DE
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[25] EN
[54] **SYSTEM AND METHOD FOR HIGH OUTPUT LASER TRIMMING**
[54] **SYSTEME ET PROCEDE D'USINAGE AU LASER A FORT DEBIT**
[72] POTOCKI, JOHN RICHARD, US
[72] ZAK, ALEXANDER, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2016-04-19
[86] 2014-11-10 (PCT/US2014/064765)
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[51] **Int.Cl. F16L 19/08 (2006.01)**
[25] EN
[54] **QUICK LOCK TUBE SECURING SYSTEM**
[54] **SYSTEME DE FIXATION DE TUBE A VERROUILLAGE RAPIDE**
[72] YEH, DAVID HONG, US
[71] YEH, DAVID HONG, US
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[54] **ADJUSTABLE HEART VALVE IMPLANT**
[54] **IMPLANT DE VALVE CARDIAQUE AJUSTABLE**
[72] COLEMAN, JAMES E., IE
[72] CUMMINS, CHRISTY, IR
[71] COLEMAN, JAMES E., IE
[71] CUMMINS, CHRISTY, IE
[85] 2016-04-20
[86] 2014-11-20 (PCT/EP2014/075162)
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[25] EN
[54] **ORAL CARE COMPOSITION**
[54] **COMPOSITION DE SOIN BUCCAL**
[72] PRENCIPE, MICHAEL, US
[72] XU, YUN, CN
[72] HUANG, XIAO YI, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-04-19
[86] 2014-12-10 (PCT/US2014/069486)
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[51] **Int.Cl. A61F 5/00 (2006.01)**
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[54] **REGLAGE DE LA TAILLE D'UN PYLORE**
[72] COLEMAN, JAMES E., IE
[71] COLEMAN, JAMES E., IE
[71] CUMMINS, CHRISTY, IE
[85] 2016-04-20
[86] 2014-11-20 (PCT/EP2014/075203)
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[25] EN
[54] **NOVEL HETEROCYCLIC COMPOUNDS**
[54] **NOUVEAUX COMPOSES HETEROCYCLIQUES**
[72] DESAI, RANJIT C., IN
[72] SRIVASTAVA, BRIJESHKUMAR, IN
[71] CADILA HEALTHCARE LIMITED, IN
[85] 2016-04-19
[86] 2014-11-03 (PCT/IN2014/000704)
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[25] EN
[54] **ACTUATOR FOR DEPLOYABLE IMPLANT**
[54] **ACTIONNEUR POUR IMPLANT DEPLOYABLE**
[72] COLEMAN, JAMES E., IE
[72] CUMMINS, CHRISTY, IE
[71] COLEMAN, JAMES E., IE
[71] CUMMINS, CHRISTY, IE
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[86] 2014-11-20 (PCT/EP2014/075206)
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[25] EN
[54] **CONSTRUCT WITH STIFFENING FEATURES**
[54] **CONSTRUCTION A CARACTERISTIQUES DE RAIDISSAGE**
[72] SLOAT, JEFFREY T., US
[72] WILSON, WESTON R., US
[72] FITZWATER, KELLY R., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2016-04-19
[86] 2014-12-16 (PCT/US2014/070488)
[87] (WO2015/095120)
[30] US (61/963,866) 2013-12-16

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[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **SPR-BASED BRIDGING ASSAY FOR DETERMINING THE BIOLOGICAL ACTIVITY OF MULTIVALENT, MULTISPECIFIC MOLECULES**
[54] **DOSAGE DE PONTAGE BASE SUR SPR POUR DETERMINER L'ACTIVITE BIOLOGIQUE DE MOLECULES MULTIVALENTES, MULTISPECIFIQUES**
[72] PAPADIMITRIOU, APOLLON, DE
[72] REGULA, JOERG THOMAS, DE
[72] KETTENBERGER, HUBERT, DE
[72] MOELLEKEN, JOERG, DE
[72] GASSNER, CHRISTIAN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[86] 2014-12-09 (PCT/EP2014/076953)
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[51] **Int.Cl. E04G 23/02 (2006.01)**
[25] EN
[54] **HOLE REPAIR DEVICE, KIT AND METHOD**
[54] **DISPOSITIF, KIT ET PROCEDE DE REPARATION DE TROUS**
[72] WANG, DANLI, US
[72] KUHL, MICHAEL E., US
[72] SCHOENHERR, DWIGHT B., US
[72] OLSON, JUDD D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2015-06-10 (PCT/US2015/035053)
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[30] US (62/015,061) 2014-06-20
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[25] EN
[54] **APPARATUS FOR DRYING COAL USING REHEAT STEAM**
[54] **APPAREIL DE SECHAGE DE CHARBON UTILISANT DE LA VAPEUR DE RECHAUFFEMENT**
[72] KIM, SUNG KON, KR
[71] HANKOOK TECHNOLOGY INC., KR
[85] 2016-04-19
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE WITH A VALVE**
[54] **ARTICLE A FUMER AYANT UNE VALVE**
[72] MIRONOV, OLEG, CH
[72] LANASPEZE, SEBASTIEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-04-20
[86] 2014-12-12 (PCT/EP2014/077633)
[87] (WO2015/097005)
[30] EP (13199311.5) 2013-12-23

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[51] **Int.Cl. C08G 18/10 (2006.01) C07C 235/10 (2006.01) C08G 18/38 (2006.01)**
[25] FR
[54] **ADDITIVES MADE FROM FATTY DIAMIDES FOR NUCLEOPHILE-SENSITIVE CROSS-LINKABLE COMPOSITIONS**
[54] **ADDITIFS A BASE DE DIAMIDES GRAS POUR COMPOSITIONS RETICULABLES SENSIBLES AUX NUCLEOPHILES**
[72] BERNARD, MICHAEL Y., FR
[72] FAUQUET, GERMAIN, FR
[72] LEPINAY, LAURENT, FR
[72] LEROY, VINCENT, FR
[71] ARKEMA FRANCE, FR
[85] 2016-04-20
[86] 2014-10-21 (PCT/FR2014/052669)
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[51] **Int.Cl. B02C 19/18 (2006.01)**
[25] EN
[54] **METHOD FOR FRAGMENTING AND/OR PRE-WEAKENING MATERIAL BY MEANS OF HIGH-VOLTAGE DISCHARGES**
[54] **PROCEDE DE FRAGMENTATION ET/OU DE PRE-FRAGILISATION DE MATERIAU A L'AIDE DE DECHARGES A HAUTE TENSION**
[72] MULLER-SIEBERT, REINHARD, CH
[72] VON DER WEID, FREDERIC, CH
[71] SELFRAG AG, CH
[85] 2016-04-20
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[51] **Int.Cl. B42D 15/00 (2006.01)**
[25] EN
[54] **OPTICALLY VARIABLE SECURITY THREADS AND STRIPES**
[54] **FILS ET BANDES DE SECURITE VARIABLES DANS LE PLAN OPTIQUE**
[72] RITTER, GEBHARD, CH
[72] DEGOTT, PIERRE, CH
[72] LI, XIANG, CN
[72] YUAN, FANG, CN
[71] SICPA HOLDING SA, CH
[71] CHINA BANKNOTE SICPA SECURITY INK CO., LTD., CN
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[51] **Int.Cl. A61K 31/736 (2006.01) A61P 13/08 (2006.01)**
[25] EN
[54] **LIGNEOUS PLANT-DERIVED HETEROPOLYSACCHARIDES FOR USE IN TREATMENT OF UROLOGIC SYMPTOMS AND DISEASES**
[54] **HETEROPOLYSACCHARIDES ISSUS DE PLANTES LIGNEUSES DESTINES A ETRE UTILISES EN TRAITEMENT DE SYMPTOMES ET MALADIES UROLOGIQUES**
[72] KONKOL, YVONNE, FI
[72] BERNOULLI, JENNI, FI
[72] HOLMBOM, BJARNE, FI
[72] VUORIKOSKI, HEIKKI, FI
[72] PRANOVICH, ANDREY, FI
[72] HALLEEN, JUSSI, FI
[71] MONTISERA LTD., FI
[85] 2016-04-20
[86] 2013-11-08 (PCT/FI2013/051057)
[87] (WO2014/072585)
[30] FI (20126175) 2012-11-09

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[51] **Int.Cl. C04B 16/06 (2006.01) C04B 16/04 (2006.01) C04B 24/24 (2006.01)**
[25] EN
[54] **WELL CEMENT COMPOSITION INCLUDING MULTI-COMPONENT FIBERS AND METHOD OF CEMENTING USING THE SAME**
[54] **COMPOSITION DE CIMENT POUR PUITS COMPRENANT DES FIBRES A MULTICOMPOSANTS ET PROCEDE DE CIMENTATION L'UTILISANT**
[72] MATA, CLARA E., US
[72] WU, YONG K., US
[72] KADOMA, IGNATIUS A., US
[72] CRANDALL, MICHAEL D., US
[72] CALUBAYAN, AMOR A., US
[72] PETERSON, ANDREW J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. A47L 5/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER AND UPRIGHT VACUUM CLEANER**
[54] **ASPIRATEUR ET ASPIRATEUR VERTICAL**
[72] GU, YOUWEI, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2016-04-20
[86] 2014-08-28 (PCT/CN2014/085413)
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[30] CN (201410398128.8) 2014-08-13

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[51] **Int.Cl. A61L 15/12 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **NOVEL MATERIALS**
[54] **NOUVEAUX MATERIAUX**
[72] PARSSINEN, ANTTI, FI
[71] ONBONE OY, FI
[85] 2016-04-20
[86] 2014-10-21 (PCT/FI2014/050792)
[87] (WO2015/059354)
[30] FI (20136038) 2013-10-21

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[51] **Int.Cl. A47K 5/12 (2006.01)**
[25] EN
[54] **SINGLE PIECE THREE-WAY ELASTOMERIC VALVE**
[54] **ROBINET ELASTOMERE A TROIS VOIES MONOBLOC**
[72] SCHWARTZ, DANIEL RONALD, US
[72] SCHULTZ, ANDREW MAX, US
[71] ECOLAB USA INC., US
[85] 2016-04-19
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[51] **Int.Cl. G02B 6/036 (2006.01) G02B 6/028 (2006.01)**
[25] EN
[54] **SMALL BENDING RADIUS SINGLE-MODE OPTICAL FIBER WITH COMPATIBILITY**
[54] **FIBRE OPTIQUE MONOMODE A FAIBLE RAYON DE COURBURE AVEC UNE COMPATIBILITE**
[72] LUO, WENYONG, CN
[72] LI, SHIYU, CN
[72] CHEN, WEI, CN
[72] MO, QI, CN
[72] KE, YILI, CN
[72] HU, FUMING, CN
[71] FIBERHOME TELECOMMUNICATION TECHNOLOGIES CO., LTD, CN
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[30] CN (201410037490.2) 2014-01-26

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[25] EN
[54] **AERATED MATERIALS**
[54] **MATERIAUX AERES**
[72] PARSSINEN, ANTTI, FI
[71] ONBONE OY, FI
[85] 2016-04-20
[86] 2014-10-21 (PCT/FI2014/050793)
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[30] FI (20136039) 2013-10-21

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[51] **Int.Cl. A61K 41/00 (2006.01) A61N 5/10 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **RADIOLUMINESCENT COMPOUND FOR RADIOTHERAPY AND DEEP PHOTODYNAMIC THERAPY AND DEVICE FOR DEEP PHOTODYNAMIC THERAPY**
[54] **COMPOSE RADIO-LUMINESCENT POUR LA RADIOTHERAPIE ET LA PHOTOTHERAPIE DYNAMIQUE DE TUMEURS PROFONDES ET DISPOSITIF DE PHOTOTHERAPIE DYNAMIQUE DE TUMEURS PROFONDES**
[72] KASCAKOVA, SLAVKA, FR
[72] REFREGIERS, MATTHIEU, FR
[72] GIULIANI, ALEXANDRE, FR
[71] SYNCHROTRON SOLEIL, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA, FR
[85] 2016-04-20
[86] 2014-09-30 (PCT/FR2014/052478)
[87] (WO2015/059379)
[30] FR (13 60353) 2013-10-23

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[51] **Int.Cl. G01N 3/08 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD USING INFRARED RADIATION TO OBSERVE COAL ROCK FRACTURE DEVELOPMENT PROCESS**
[54] **DISPOSITIF ET PROCEDE UTILISANT LE RAYONNEMENT INFRAROUGE AFIN D'OBSERVER LE PROCESSUS DE DEVELOPPEMENT DE FRACTURE DE ROCHES CHARBONNEUSES**
[72] MA, LIQIANG, CN
[72] SUN, HAI, CN
[72] JIANG, YAYONG, CN
[72] LIANG, JIMENG, CN
[72] YU, BIN, CN
[72] KUANG, TIEJUN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **BOUGIE D'ALLUMAGE DE CHAMBRE DE PRECOMBUSTION**
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[54] **FILTER DEVICE**
[54] **DISPOSITIF DE FILTRATION**
[72] ARBEITHUBER, JOSEF, AT
[72] PAULI, PETER, AT
[72] FEICHTINGER, KLAUS, AT
[71] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
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[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0775 (2010.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR INDUCING CHONDROGENESIS OR TENOGENESIS IN MESENCHYMAL STEM CELLS**
[54] **PROCEDE ET COMPOSITION D'INDUCTION DE CHONDROGENESE OU DE TENOGENESE DANS DES CELLULES SOUCHES MESENCHYMATEUSES**
[72] BROECKX, SARAH YOLANDE KRISTEL, BE
[72] SPAAS, JAN HILDA MARIE JOZEF, BE
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[54] **ARBRE PRINCIPAL DE BROYEUR GIRATOIRE ET ENSEMBLE**
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[72] LARSSON, MIKAEL M., SE
[72] MALMQVIST, PATRIC, SE
[72] HALLBERG, ANDERS, SE
[72] NILSSON, MATTS-AKE, SE
[72] ERIKSSON, FREDRIK, SE
[72] ERIKSSON, BENGT-ARNE, SE
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[54] **LAME DE TRANCHEUSE EN MATIERE PLASTIQUE**
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[71] GEA FOOD SOLUTIONS GERMANY GMBH, DE
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[54] **PANEL ASSEMBLY**
[54] **ENSEMBLE DE PANNEAU**
[72] STOREN, NICHOLAS, AU
[72] STEELE, STUART, AU
[71] RELIANCE DOORS PTY LTD, AU
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[25] FR
[54] **METHOD FOR BIOLOGICALLY COMBATING NAEGLERIA FOWLERI, AND DISINFECTING AGENT CONTAINING PROTOZOA OF THE SPECIES WILLAERTIA MAGNA**
[54] **PROCEDE DE LUTTE BIOLOGIQUE CONTRE NAEGLERIA FOWLERI, ET AGENT DESINFECTANT CONTENANT DES PROTOZOAIRES DE L'ESPECE WILLAERTIA MAGNA**
[72] PLASSON, FABRICE, FR
[72] MAMERI, MOUH OULHADJ, FR
[71] AMOEBA, FR
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[54] **METHOD OF FRAGMENTING AND/OR WEAKENING A MATERIAL BY MEANS OF HIGH VOLTAGE DISCHARGES**
[54] **PROCEDE DE FRAGMENTATION ET/OU D'AFFAIBLISSEMENT D'UN MATERIAU A L'AIDE DE DECHARGES A HAUTE TENSION**
[72] GIESE, HARALD, DE
[72] VON DER WEID, FREDERIC, CH
[72] AHLQVIST JEANNERET, HELENA, CH
[72] VAN DER WIELEN, KLAAS PETER, CH
[72] MULLER-SIEBERT, REINHARD, CH
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[25] EN
[54] **FIRE PROTECTION COMPOSITION, USE THEREOF, AND METHOD OF PRODUCING AND APPLYING SAME**
[54] **COMPOSITION DE PROTECTION CONTRE LE FEU, SON UTILISATION ET PROCEDE DE SA PRODUCTION ET D'APPLICATION**
[72] HUNTER, ANDREW DAVID, AU
[72] PROUD, DAVID JOHN, AU
[71] INFERNOSHIELD PTY LTD, AU
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[54] **COMPOSITIONS AND METHODS FOR TREATING ESTROGEN-RELATED MEDICAL DISORDERS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE TRAITER DES AFFECTIONS MEDICALES ASSOCIEES AUX □STROGENES**
[72] THATCHER, GREGORY R., US
[72] SIKLOS, MARTON, US
[72] XIONG, RUI, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[71] THATCHER, GREGORY R., US
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[25] FR
[54] **METHOD AND DEVICE FOR INERTING A FUEL TANK**
[54] **PROCEDE ET DISPOSITIF D'INERTAGE D'UN RESERVOIR DE CARBURANT**
[72] ARTAUD, BENOIT, FR
[72] CLARIS, CHRISTOPHE, FR
[72] VANDROUX, OLIVIER, FR
[72] VOZY, THIBAUT, FR
[71] ZODIAC AEROTECHNICS, FR
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[54] **SHOCK TOOL FOR DRILLSTRING**
[54] **OUTIL A IMPACT POUR TRAIN DE TIGES**
[72] KHAPARDE, ASHISH PRAFULLA, IN
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[72] MEHTA, KRUNAL KANUBHAI, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **MUTATED FIBROBLAST GROWTH FACTOR (FGF) 1 AND METHODS OF USE**
[54] **FACTEUR DE CROISSANCE DE FIBROBLASTE 1 (FGF) MUTE ET METHODES D'UTILISATION**
[72] SUH, JAE MYOUNG, US
[72] DOWNES, MICHAEL, US
[72] EVANS, RONALD M., US
[72] ATKINS, ANNETTE, US
[72] YU, RUTH, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
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[25] EN
[54] **METHOD OF, AND APPARATUS FOR, CUTTING POTATOES**
[54] **PROCEDE ET APPAREIL POUR COUPER DES POMMES DE TERRE**
[72] HILLIARD, GREG, GB
[72] STAN, FELIX, GB
[72] ENACHE, DRAGOS, GB
[72] KOVALEV, PETR, GB
[72] HENRIQUES, JOSE MATIAS, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
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[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING AND USING GAS EXTRACTION CORRECTION COEFFICIENTS AT A WELL SITE**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE DETERMINER ET D'UTILISER DES COEFFICIENTS DE CORRECTION D'EXTRACTION DE GAZ AU NIVEAU D'UN EMPLACEMENT DE FORAGE**
[72] ROWE, MATHEW DENNIS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. E21B 21/10 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **BALL DROP TOOL AND METHODS OF USE**
[54] **OUTIL DE LACHER DE BILLE ET PROCEDES D'UTILISATION**
[72] RORVIK, HELGE, NO
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **HLA-A24 AGONIST EPITOPES OF MUC1-C ONCOPROTEIN AND COMPOSITIONS AND METHODS OF USE**
[54] **EPITOPES AGONISTES DE HLA-A24 DE L'ONCOPROTEINE MUC1-C, COMPOSITIONS EN CONTENANT ET LEURS PROCEDES D'UTILISATION**
[72] SCHLOM, JEFFREY, US
[72] TSANG, KWONG-YOK, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[25] EN
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[54] **CAPTEUR A IMPEDANCE ULTRA-ELEVEE AYANT DES APPLICATIONS EN NEURODETECTION**
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[71] ZENGAR INSTITUTE INC., CA
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[54] **WIRELESS ACCESS NODE AND METHOD FOR SIGNALING AGGREGATION OF A PLURALITY OF UE DEVICES THROUGH A HUB UE DEVICE**
[54] **NOEUD D'ACCES SANS FIL ET PROCEDE POUR UNE AGREGATION DE SIGNALISATION D'UNE PLURALITE DE DISPOSITIFS D'EQUIPEMENT UTILISATEUR (UE) PAR L'INTERMEDIAIRE D'UN DISPOSITIF D'UE DE CONCENTRATEUR**
[72] MARUPADUGA, SREEKAR, US
[72] NARENDRAN, RAJVEEN, US
[72] WURTENBERGER, ANDREW MARK, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
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[54] **USE OF AN ALKOXYLATED POLYTETRAHYDROFURAN AS AN ADDITIVE IN A FUEL**
[54] **UTILISATION D'UN POLYTETRAHYDROFURANE ALCOXYLE EN TANT QU'ADDITIF DANS UN CARBURANT**
[72] VOLKEL, LUDWIG, DE
[72] HANSCH, MARKUS, DE
[72] HAYDEN, THOMAS, US
[72] WALTER, MARC, DE
[72] KASHANI-SHIRAZI, NAWID, DE
[72] WEISS, THOMAS, DE
[71] BASF SE, DE
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[25] EN
[54] **DEPOSIT BUILD-UP MONITORING, IDENTIFICATION AND REMOVAL OPTIMIZATION FOR CONDUITS**
[54] **OPTIMISATION DE LA SURVEILLANCE, DE L'IDENTIFICATION ET DE L'ELIMINATION D'UNE ACCUMULATION DE DEPOT DANS DES CONDUITS**
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-20
[86] 2013-12-04 (PCT/US2013/073167)
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[25] EN
[54] **MODULATION OF A RESPONSE SIGNAL TO DISTINGUISH BETWEEN ANALYTE AND BACKGROUND SIGNALS**
[54] **MODULATION D'UN SIGNAL DE REPONSE POUR EFFECTUER UNE DISTINCTION ENTRE DES SIGNAUX D'ANALYTE ET DE FOND**
[72] CONRAD, ANDREW JASON, US
[72] PEETERS, ERIC, US
[72] BAJAJ, VIKRAM SINGH, US
[72] THOMPSON, JASON DONALD, US
[72] ASKEW, MARK, US
[71] VERILY LIFE SCIENCES LLC, US
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[25] EN
[54] **PROCESS FOR THE RUTHENIUM CATALYZED TRANS-SELECTIVE HYDROSTANNATION OF ALKYNES**
[54] **PROCEDE D'HYDROSTANNATION TRANS-SELECTIVE D'ALCYNES PAR CATALYSE AU RUTHENIUM**
[72] FURSTNER, ALOIS, DE
[72] RUMMELT, STEPHAN, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
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[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **VACUUM-RESISTANT CONTAINERS HAVING OFFSET HORIZONTAL RIBS AND PANELS**
[54] **RECIPIENTS RESISTANT AU VIDE AYANT DES ARETES HORIZONTALES DECALEES ET DES PANNEAUX**
[72] ZEBOUDJ, LISE, US
[72] MOULIN, CEDRIC, US
[72] PREVOTAT, FRANCOIS, FR
[71] NESTEC S.A., CH
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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMISSION AND RECEPTION OF MEDIA DATA**
[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION DE DONNEES MULTIMEDIA**
[72] CHAMPEL, MARY-LUC, FR
[72] AUMONT, FRANCK, FR
[71] THOMSON LICENSING, FR
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[25] EN
[54] **SPATIAL MODULATION OF MAGNETIC PARTICLES IN VASCULATURE BY EXTERNAL MAGNETIC FIELD**
[54] **MODULATION SPATIALE DE PARTICULES MAGNETIQUES DANS LE SYSTEME VASCULAIRE PAR UN CHAMP MAGNETIQUE EXTERNE**
[72] CONRAD, ANDREW JASON, US
[72] PEETERS, ERIC, US
[72] BAJAJ, VIKRAM SINGH, US
[72] THOMPSON, JASON DONALD, US
[72] ASKEW, MARK, US
[71] VERILY LIFE SCIENCES LLC, US
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[54] **APPAREIL PERMETTANT DE CHAUFFER UNE MATIERE POUVANT ETRE FUMEE**
[72] PAPROCKI, BENJAMIN JOHN, US
[72] WILKE, ANDREW PAUL, US
[72] ROBEY, RAYMOND JOHN, US
[72] ROBINSON, JESSE EUGENE, US
[72] TIAN, FENG, US
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[25] EN
[54] **DOWNHOLE PRESSURE/THERMAL PERTURBATION SCANNING USING HIGH RESOLUTION DISTRIBUTED TEMPERATURE SENSING**
[54] **BALAYAGE DE PERTURBATION THERMIQUE/DE PRESSION DE FOND DE PUITS UTILISANT UNE DETECTION DE TEMPERATURE DISTRIBUEE A HAUTE RESOLUTION**
[72] CHEN, JEFF, US
[72] CHOK, CHEE M., US
[72] YANG, XUDONG, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-04-20
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[54] **CARTRIDGE**
[54] **CARTOUCHE**
[72] GELFERT, STEPHAN, DE
[71] RUAG AMMOTEC GMBH, DE
[85] 2016-04-20
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[30] DE (10 2013 017 672.7) 2013-10-25

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[25] EN
[54] **A PROCESS FOR CONVERTING OXYGENATES TO OLEFINS**
[54] **PROCEDE POUR LA CONVERSION DE COMPOSES OXYGENES EN OLEFINES**
[72] SANBORN, RICHARD ADDISON, US
[72] CHEN, YE-MON, US
[72] SADASIVAN VIJAYAKUMARI, SIVAKUMAR, US
[72] CHEWTER, LESLIE ANDREW, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **CARBON COMPOSITES, METHODS OF MANUFACTURE, AND USES THEREOF**
[54] **COMPOSITES DE CARBONE, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] XU, ZHIYUE, US
[72] ZHAO, LEI, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **THE USE OF NIOBATE CONTAINING COMPOUNDS AS CORROSION INHIBITORS**
[54] **UTILISATION DE COMPOSES CONTENANT DU NIOBATE EN TANT QU'INHIBITEURS DE CORROSION**
[72] ZIM, DANILO, BR
[72] PASCHOALINO, MATHEUS PAES, BR
[71] ECOLAB USA INC., US
[85] 2016-04-20
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[54] **POMPE, NOTAMMENT POMPE D'ASSISTANCE CIRCULATOIRE**
[72] SCHECKEL, MARIO, DE
[72] DECKE, ROBERT, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2016-04-20
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[30] EP (13191304.8) 2013-11-01

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[54] **METHOD OF HEAVY METAL REMOVAL FROM WASTE WATER STREAMS**
[54] **PROCEDE D'ELIMINATION DE METAUX LOURDS DE COURANTS D'EAUX USEES**
[72] MUSALE, DEEPAK A., US
[72] SCHWARZ, DANIEL E., US
[72] ZINN, PAUL J., US
[72] KEISER, BRUCE A., US
[72] SHAH, JITENDRA T., US
[71] NALCO COMPANY, US
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[25] EN
[54] **VEHICLE TRACTION ELEMENT**
[54] **ELEMENT DE TRACTION DE VEHICULE**
[72] NORMAN, PHILIP ROSS, GB
[71] ROSS ROBOTICS LIMITED, GB
[85] 2016-04-20
[86] 2014-10-17 (PCT/GB2014/000425)
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[25] EN
[54] **TREATMENT OF CANCER AND BENIGN PROLIFERATIVE DISORDERS**
[54] **TRAITEMENT DE CANCER ET DE TROUBLES PROLIFERATIFS BENINS**
[72] HAMPSON, IAN, GB
[72] HAMPSON, LYNNE, GB
[71] THE UNIVERSITY OF MANCHESTER, GB
[85] 2016-04-20
[86] 2014-10-23 (PCT/GB2014/053169)
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[30] GB (1318742.2) 2013-10-23
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[25] EN
[54] **CYCLONE SEPARATING DEVICE, CLEANER, SURFACE CLEANING APPARATUS AND CYCLOIC SEPARATING METHOD**
[54] **DISPOSITIF DE CYCLONAGE, COLLECTEUR DE POUSSIERE, DISPOSITIF DE NETTOYAGE DE SURFACE ET PROCEDE DE CYCLONAGE**
[72] GU, YOUWEI, CN
[72] NIU, JUNYING, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2016-04-20
[86] 2014-09-22 (PCT/CN2014/087056)
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[30] CN (201410226417.X) 2014-05-26
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ESTROGEN-RELATED MEDICAL DISORDERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES MEDICAUX ASSOCIES AUX □STROGENES**
[72] THATCHER, GREGORY R., US
[72] TONETTI, DEBRA, US
[72] MOLLOY, MARY ELLEN, US
[72] MICHALSEN, BRADLEY, US
[72] QIN, ZIHUI, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[71] THATCHER, GREGORY R., US
[71] TONETTI, DEBRA, US
[71] MOLLOY, MARY ELLEN, US
[71] MICHALSEN, BRADLEY, US
[71] QIN, ZIHUI, US
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[25] EN
[54] **POLYESTER POLYOLS AND METHODS OF MAKING AND USING THE SAME**
[54] **POLYOLS DE POLYESTER ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] BEUHLER, ALLYSON, US
[72] TINDALL, DEBRA, US
[72] MODY, KAMLESH, US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[85] 2016-04-20
[86] 2014-10-07 (PCT/US2014/059470)
[87] (WO2015/061032)
[30] US (61/894,292) 2013-10-22
[30] US (61/969,469) 2014-03-24
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[30] US (62/013,910) 2014-06-18
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[54] **BURR RESISTANT FASTENER-MOUNTED BEARING ASSEMBLY**
[54] **ENSEMBLE PALIER MONTE SUR UN ORGANE DE FIXATION RESISTANT AUX BAVURES**
[72] PHILLIPS, SCOTT W., US
[72] HOFFMANN, KIM D., US
[71] REGAL BELOIT AMERICA, INC., US
[85] 2016-04-20
[86] 2014-10-16 (PCT/US2014/060911)
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[25] EN
[54] **INTEGRATED ELECTRICAL ASSEMBLY, ENCLOSURE, MASTER TUB, MULTI-WIRE CONNECTOR, AND JUNCTION BOX**
[54] **ENSEMBLE ELECTRIQUE INTEGRE, ENCEINTE, BAC MAITRE, CONNECTEUR MULTICABLE, ET BOITE DE JONCTION**
[72] TREMAINE, JOHN M., US
[72] TESCHEMAKER, ADRIAN R., US
[71] QTRAN, INC., US
[85] 2016-04-20
[86] 2014-10-20 (PCT/US2014/061320)
[87] (WO2015/061202)
[30] US (61/893,664) 2013-10-21
[30] US (61/918,462) 2013-12-19
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[25] EN
[54] **RANGING CAMERAS USING A COMMON SUBSTRATE**
[54] **CAMERAS DE MESURE DE DISTANCE UTILISANT UN SUBSTRAT COMMUN**
[72] WEISS, MITCHELL, US
[71] SEEGRID OPERATING CORPORATION, US
[85] 2016-04-20
[86] 2014-10-21 (PCT/US2014/061576)
[87] (WO2015/061315)
[30] US (61/894,229) 2013-10-22
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[51] **Int.Cl. G06F 19/20 (2011.01) G06F 19/22 (2011.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE SENSITIVITY OF DETECTION IN DETERMINING COPY NUMBER VARIATIONS**
[54] **PROCEDE DESTINE A L'AMELIORATION DE LA SENSIBILITE DE DETECTION DANS LA DETEMRINATION DES VARIATIONS DU NOMBRE DE COPIES**
[72] CHUDOVA, DARYA I., US
[72] ABDUEVA, DIANA, US
[72] RAVA, RICHARD P., US
[71] VERINATA HEALTH, INC., US
[85] 2016-04-20
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[54] **MRNA THERAPY FOR PHENYLKETONURIA**
[54] **THERAPIE A L'ARNM POUR LA PHENYLCETONURIE**
[72] DEROSA, FRANK, US
[72] HEARTLEIN, MICHAEL, US
[72] DIAS, ANUSHA, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2016-04-20
[86] 2014-10-22 (PCT/US2014/061830)
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[25] EN
[54] **MRNA THERAPY FOR ARGININOSUCCINATE SYNTHETASE DEFICIENCY**
[54] **THERAPIE ARNM POUR DEFICIENCE EN ARGININOSUCCINATE SYNTHETASE**
[72] HEARTLEIN, MICHAEL, US
[72] DEROSA, FRANK, US
[72] SMITH, LIANNE, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2016-04-20
[86] 2014-10-22 (PCT/US2014/061841)
[87] (WO2015/061500)
[30] US (61/894,294) 2013-10-22

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[13] A1
[51] **Int.Cl. C07H 19/24 (2006.01)**
[25] EN
[54] **DITHIOLANE FUNCTIONALIZED NUCLEOSIDE AMIDITES AND SUPPORTS FOR STRONGER IMMOBILIZATION OF BIO-MOLECULES ON SOLID SURFACES**
[54] **AMIDITES NUCLEOSIDIQUES FONCTIONNALISEES PAR DES DITHIOLANES ET SUPPORTS POUR IMMOBILISATION BIOMOLECULAIRES PLUS FORTE SUR DES SURFACES SOLIDES**
[72] SRIVASTAVA, SURESH C., US
[72] THATIKONDA, SANTHOSH K., US
[72] SRIVASTAV, SANT K., US
[72] SHUKLA, PRAVEEN K., US
[72] SRIVASTAVA, ALOK, US
[71] CHEMGENES CORPORATION, US
[85] 2016-04-20
[86] 2014-10-22 (PCT/US2014/061850)
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[25] EN
[54] **NON-INVASIVE ANALYTE DETECTION SYSTEM WITH MODULATION SOURCE**
[54] **SYSTEME DE DETECTION D'ANALYTE NON INVASIF AVEC SOURCE DE MODULATION**
[72] CONRAD, ANDREW JASON, US
[72] PEETERS, ERIC, US
[72] BAJAJ, VIKRAM SINGH, US
[72] THOMPSON, JASON DONALD, US
[72] ASKEW, MARK, US
[71] VERILY LIFE SCIENCES LLC, US
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[54] **CONSUMER BIOMETRIC DEVICES**
[54] **DISPOSITIFS BIOMETRIQUES DE CONSOMMATEUR**
[72] HE, DAVID DA, US
[72] BIJJANI, RICHARD ROBEHR, US
[72] AZIM, SHAHID, US
[72] MACKIE, SCOTT, US
[72] VARGAS, BOGART, US
[72] WINFIELD, CATHERINE, US
[72] WALLEN, NICHOLAS, US
[71] QUANTTUS, INC., US
[85] 2016-04-20
[86] 2014-10-23 (PCT/US2014/061987)
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[51] **Int.Cl. G06Q 50/22 (2012.01) G06Q 50/28 (2012.01)**
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[54] **COMPLIMENTARY TRADE DRUG DELIVERY SYSTEM**
[54] **SYSTEME DE DELIVRANCE DE MEDICAMENTS COMMERCIAUX GRATUITS**
[72] PARIS, KEVIN SCOTT, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2016-04-20
[86] 2014-10-30 (PCT/US2014/063061)
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[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATING CANCER WITH A POXVIRUS EXPRESSING A TUMOR ANTIGEN AND AN ANTAGONIST AND/OR AGONIST OF AN IMMUNE CHECKPOINT INHIBITOR**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER A L'AIDE D'UN POXVIRUS EXPRIMANT UN ANTIGENE TUMORAL ET D'UN ANTAGONISTE ET/OU AGONISTE D'UN INHIBITEUR DE POINT DE CONTROLE IMMUNITAIRE**
[72] ROUNTREE, RYAN, US
[72] FOY, SUSAN, US
[72] MANDL, STEFANIE, US
[72] DELCAYRE, ALAIN, US
[71] BAVARIAN NORDIC A/S, DK
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[51] **Int.Cl. A61K 31/295 (2006.01)**
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[54] **FERRIC CITRATE FOR REDUCING CARDIAC FAILURE IN CHRONIC KIDNEY DISEASE PATIENTS**
[54] **CITRATE FERRIQUE PERMETTANT DE REDUIRE UNE INSUFFISANCE CARDIAQUE CHEZ LES PATIENTS ATTEINTS D'UNE MALADIE RENALE CHRONIQUE**
[72] PORADOSU, ENRIQUE, US
[72] BENTSUR, RON, US
[72] OLIVIERO, JAMES F., III, US
[71] KERYX BIOPHARMACEUTICALS, INC., US
[85] 2016-04-20
[86] 2014-11-03 (PCT/US2014/063643)
[87] (WO2015/066593)
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[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61B 5/00 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **FOLEY CATHETER WITH RING ELECTRODES**
[54] **SONDE DE FOLEY AVEC ELECTRODES CYLINDRIQUES**
[72] LI, WENJENG, US
[72] YAMASAKI, DWAYNE, US
[72] ZIMMERMANN, MARC, US
[72] MAUCH, KEVIN, US
[71] MEDTRONIC XOMED, INC., US
[85] 2016-04-20
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[25] EN
[54] **TIME OF FLIGHT THROUGH MUD**
[54] **TEMPS DE VOL DANS LA BOUE**
[72] PULLEY, GREGORY, US
[71] PIEZOTECH, LLC, US
[85] 2016-04-20
[86] 2014-11-05 (PCT/US2014/064077)
[87] (WO2015/069731)
[30] US (61/900,063) 2013-11-05

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[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61F 2/82 (2013.01)**
[25] EN
[54] **AORTIC INSUFFICIENCY REPAIR DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REPARATION D'INSUFFISANCE AORTIQUE**
[72] KARAPETIAN, EMIL, US
[72] STANISLAUS, MARIA CHARLES VIJA, US
[72] BAK-BOYCHUK, GREGORY, US
[72] OLSON, CHRISTOPHER L., US
[72] HERNANDEZ, CRISTOBAL R., US
[72] BRUNNETT, WILLIAM C., US
[72] BENICHOU, NETANEL, US
[72] FRESCHAUF, LAUREN R., US
[72] SIEGEL, ALEXANDER J., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2016-04-20
[86] 2014-11-21 (PCT/US2014/066879)
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[30] US (61/907,650) 2013-11-22
[30] US (14/549,431) 2014-11-20

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[51] **Int.Cl. A61K 31/365 (2006.01) A61K 8/19 (2006.01) A61K 8/33 (2006.01) A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 9/00 (2006.01) A61K 31/05 (2006.01) A61K 31/075 (2006.01) A61K 31/12 (2006.01) A61K 31/19 (2006.01) A61K 31/22 (2006.01) A61K 33/00 (2006.01) A61P 29/00 (2006.01) A61Q 11/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR DELIVERY OF ORAL COMFORT SENSATIONS**
[54] **COMPOSITIONS POUR LA PRODUCTION DE SENSATIONS DE CONFORT ORAL**
[72] HAUGHT, JOHN CHRISTIAN, US
[72] SREEKRISHNA, KOTIKANYADANAM TATACHAR, US
[72] LIN, YAKANG, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-04-20
[86] 2014-11-13 (PCT/US2014/065418)
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[30] US (61/903,579) 2013-11-13

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[25] EN
[54] **PREPARATION OF NORMORPHINANS**
[54] **PREPARATION DE NORMORPHINANES**
[72] BRANDT, JOHN, US
[72] LIAO, SUBO, US
[72] HUDSON, EDMUND C., US
[72] JARVI, ESA T., US
[72] WANG, PETER X., US
[72] SCHAEFER, MICHAEL, US
[71] MALLINCKRODT LLC, US
[85] 2016-04-20
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[30] US (61/905,312) 2013-11-18

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[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **PLUGGING AND ABANDONING A WELL USING A SET-DELAYED CEMENT COMPOSITION COMPRISING PUMICE**
[54] **COLMATAGE ET ABANDON D'UN PUITS A L'AIDE D'UNE COMPOSITION DE CIMENT A DURCISSEMENT RETARDE COMPRENANT DE LA PONCE**
[72] BALLEW, HORTON COLBY, US
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] BOUL, PETER JAMES, US
[72] OTIENO, PAULINE AKINYI, US
[72] BROTHERS, LANCE EVERETT, US
[72] MORGAN, RONNIE GLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-20
[86] 2014-11-24 (PCT/US2014/067112)
[87] (WO2015/081014)
[30] US (14/090,573) 2013-11-26

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[13] A1
[51] **Int.Cl. C07H 19/06 (2006.01)**
[25] EN
[54] **CYTIDINE-5-CARBOXAMIDE MODIFIED NUCLEOTIDE COMPOSITIONS AND METHODS RELATED THERETO**
[54] **COMPOSITIONS NUCLEOTIDIQUES DE CYTIDINES A MODIFICATION 5-CARBOXAMIDE ET PROCEDES ASSOCIES**
[72] ROHLOFF, JOHN, US
[72] JANJIC, NEBOJSA, US
[72] GAWANDE, BHARAT NATHU, US
[71] SOMALOGIC, INC., US
[85] 2016-04-20
[86] 2014-11-19 (PCT/US2014/066328)
[87] (WO2015/077292)
[30] US (61/907,274) 2013-11-21

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[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/22 (2011.01) G06F 19/00 (2011.01)**
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[54] **METHODS AND SYSTEMS FOR ANALYZING IMAGE DATA**
[54] **PROCEDES ET SYSTEMES D'ANALYSE DE DONNEES D'IMAGE**
[72] BELITZ, PAUL, US
[72] TANNER, STEPHEN, US
[72] VIECELI, JOHN S., US
[72] CHEN, XIAOYU, US
[71] ILLUMINA, INC., US
[85] 2016-04-20
[86] 2014-12-03 (PCT/US2014/068409)
[87] (WO2015/084985)
[30] US (61/911,319) 2013-12-03
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[30] US (61/915,455) 2013-12-12

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[51] **Int.Cl. H04W 8/00 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR NEIGHBORHOOD AREA NETWORK DETECTION**
[54] **PROCEDES ET APPAREIL DE DETECTION DE RESEAU LOCAL DE VOISINAGE**
[72] SHUKLA, ASHISH KUMAR, US
[72] RAISSINIA, ALIREZA, US
[72] CAI, ZHIFENG, US
[72] ABRAHAM, SANTOSH PAUL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-04-20
[86] 2014-11-20 (PCT/US2014/066615)
[87] (WO2015/084597)
[30] US (61/910,813) 2013-12-02
[30] US (14/517,654) 2014-10-17

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[13] A1
[51] **Int.Cl. C04B 14/16 (2006.01) C04B 14/02 (2006.01) C04B 28/20 (2006.01)**
[25] EN
[54] **USE OF SYNTHETIC SMECTITE IN SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE**
[54] **UTILISATION DE SMECTITE SYNTHETIQUE DANS DES COMPOSITIONS DE CIMENT A PRISE RETARDEE COMPRENANT DE LA PIERRE PONCE**
[72] BOUL, PETER JAMES, US
[72] AGAPIOU, KYRIACOS, US
[72] PISKLAK, THOMAS JASON, US
[72] MORGAN, RONNIE GLEN, US
[72] BROTHERS, LANCE EVERETT, US
[72] OTIENO, PAULINE AKINYI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-20
[86] 2014-12-05 (PCT/US2014/068804)
[87] (WO2015/085177)
[30] US (14/098,198) 2013-12-05

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[13] A1
[51] **Int.Cl. C08G 63/695 (2006.01) C08L 67/02 (2006.01) C09D 143/04 (2006.01) C09D 167/02 (2006.01)**
[25] EN
[54] **SILICONE-MODIFIED POLYESTER COATING**
[54] **REVETEMENT EN POLYESTER MODIFIE PAR DE LA SILICONE**
[72] HAYES, GREGORY B., US
[72] MELNYK, THOMAS J., US
[71] VALSPAR SOURCING, INC., US
[85] 2016-04-20
[86] 2014-12-09 (PCT/US2014/069331)
[87] (WO2015/094817)
[30] US (61/917,147) 2013-12-17

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[13] A1
[51] **Int.Cl. A61J 9/04 (2006.01) A61J 9/08 (2006.01) B05B 11/02 (2006.01) B65D 83/76 (2006.01)**
[25] EN
[54] **A DISPENSER**
[54] **DISTRIBUTEUR**
[72] MAYER, JULIE-ANNE, AU
[72] MAYER, GLEN, AU
[72] HOOWORTH, ALLAN JAMES, AU
[72] RUSSELL, MICHAEL EDWARD PHILIP, AU
[71] JAG MAYER PTY LTD, AU
[85] 2016-04-21
[86] 2014-10-22 (PCT/AU2014/001002)
[87] (WO2015/058244)
[30] AU (2013904071) 2013-10-22
[30] AU (2013101385) 2013-10-22

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[13] A1
[51] **Int.Cl. C10B 53/00 (2006.01) C10B 47/44 (2006.01) C10B 49/02 (2006.01)**
[25] EN
[54] **CONVERTER FOR ORGANIC MATERIALS**
[54] **CONVERTISSEUR POUR MATERIAUX ORGANIQUES**
[72] STREZOV, LAZAR, AU
[72] OSBORN, STEVE, AU
[72] HERBERTSON, JOSEPH GEORGE, AU
[71] THE CRUCIBLE GROUP PTY LTD, AU
[85] 2016-04-21
[86] 2014-10-29 (PCT/AU2014/001020)
[87] (WO2015/061833)
[30] AU (2013904164) 2013-10-29

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[13] A1
[51] **Int.Cl. A61K 38/39 (2006.01) A61K 38/01 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **ACTIVE SUBSTANCE FOR TREATING SARCOPENIA**
[54] **SUBSTANCE ACTIVE POUR LE TRAITEMENT DE LA SARCOPENIE**
[72] HAUSMANNS, STEPHAN, DE
[72] KNEFELI, HANS-CHRISTOPH, DE
[72] OESSER, STEFFEN, DE
[72] FRECH, HANS-ULRICH, DE
[71] GELITA AG, DE
[85] 2015-11-05
[86] 2014-04-29 (PCT/EP2014/058673)
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[30] DE (10 2013 104 897.8) 2013-05-13

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[51] **Int.Cl. C01D 15/08 (2006.01) B01D 61/42 (2006.01) C25B 1/10 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING LITHIUM CARBONATE**
[54] **PROCEDES DE PREPARATION DE CARBONATE DE LITHIUM**
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] BOURASSA, GUY, CA
[72] CLAYTON, GENEVIEVE, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] PEARSE, GARY, CA
[71] NEMASKA LITHIUM INC., CA
[85] 2016-04-21
[86] 2014-10-23 (PCT/CA2014/000768)
[87] (WO2015/058287)
[30] US (61/894,655) 2013-10-23

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[51] **Int.Cl. A01N 63/04 (2006.01) A01N 25/04 (2006.01) A01N 25/08 (2006.01)**
[25] EN
[54] **COMPACTED PESTICIDE FORMULATIONS**
[54] **FORMULATIONS DE PESTICIDE COMPRESSEES**
[72] TESHLER, MIRON, CA
[72] TODOROVA, SILVIA IVANOVA, CA
[71] ANATIS BIOPROTECTION INC., CA
[85] 2016-03-22
[86] 2013-10-24 (PCT/CA2013/000916)
[87] (WO2014/063237)
[30] US (61/718,354) 2012-10-25

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[51] **Int.Cl. C25B 1/16 (2006.01) B01D 61/42 (2006.01) C25B 9/00 (2006.01)**
[25] EN
[54] **PROCESSES AND SYSTEMS FOR PREPARING LITHIUM HYDROXIDE**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE PREPARER DE L'HYDROXYDE DE LITHIUM**
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] BOURASSA, GUY, CA
[72] CLAYTON, GENEVIEVE, CA
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] PEARSE, GARY, CA
[71] NEMASKA LITHIUM INC., CA
[85] 2016-04-21
[86] 2014-10-23 (PCT/CA2014/000769)
[87] (WO2015/058288)
[30] US (61/894,617) 2013-10-23

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[13] A1
[51] **Int.Cl. A61K 31/4166 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF MUSCULAR DYSTROPHIES**
[54] **PROCEDES DE TRAITEMENT DE DYSTROPHIES MUSCULAIRES**
[72] NIQUE, FRANCOIS, FR
[72] JAGERSCHMIDT, CATHERINE, FR
[72] NAMOUR, FLORENCE SYLVIE, FR
[72] LEFRANCOIS, JEAN-MICHAEL, FR
[72] BUSH, ERNEST, D., US
[72] PEIXOTO, CHRISTOPHE, FR
[72] DEPREZ, PIERRE, FR
[72] TRIBALLEAU, NICOLAS, FR
[72] WIGERINCK, PIET TOM BURT PAUL, BE
[72] BLANQUE, ROLAND, FR
[71] BUSH, ERNEST D., US
[71] NIQUE, FRANCOIS, FR
[71] JAGERSCHMIDT, CATHERINE, FR
[71] NAMOUR, FLORENCE SYLVIE, FR
[71] LEFRANCOIS, JEAN-MICHAEL, FR
[71] PEIXOTO, CHRISTOPHE, FR
[71] DEPREZ, PIERRE, FR
[71] TRIBALLEAU, NICOLAS, FR
[71] WIGERINCK, PIET TOM BURT PAUL, BE
[71] BLANQUE, ROLAND, FR
[85] 2016-04-19
[86] 2014-10-24 (PCT/US2014/062178)
[87] (WO2015/061685)
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/48 (2006.01) C07K 1/14 (2006.01)**
[25] EN
[54] **PREPARING ANTIBODIES FROM CHO CELL CULTURES FOR CONJUGATION**
[54] **PREPARATION D'ANTICORPS A PARTIR DE CULTURES DE CELLULES CHO POUR LA CONJUGAISON**
[72] HAYES, BRADLEY, US
[72] BEAM, KEVIN, US
[72] MEYER, DAMON, US
[72] LYON, ROBERT, US
[72] VALLIERE-DOUGLASS, JOHN, US
[71] SEATTLE GENETICS, INC., US
[85] 2016-04-19
[86] 2014-11-21 (PCT/US2014/066889)
[87] (WO2015/077605)
[30] US (61/908,568) 2013-11-25

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[51] **Int.Cl. E04C 2/12 (2006.01) E04C 2/34 (2006.01)**
[25] EN
[54] **CORE LAYER HAVING WOOD ELEMENTS, IN PARTICULAR WOOD ELEMENTS HAVING A CORRUGATED STRUCTURE**
[54] **COUCHE CENTRALE COMPORTANT DES ELEMENTS EN BOIS, NOTAMMENT DES ELEMENTS EN BOIS A STRUCTURE ONDULEE**
[72] ECKSTEIN, THOMAS, DE
[72] MOELLER, ACHIM, DE
[72] DANZER, HANS-JOACHIM, CH
[71] WOOD INNOVATIONS LTD., LI
[85] 2016-03-22
[86] 2014-11-05 (PCT/EP2014/002965)
[87] (WO2015/067362)
[30] EP (13 005 226.9) 2013-11-06

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[51] **Int.Cl. A61K 39/395 (2006.01) A42B 3/12 (2006.01)**
[25] EN
[54] **PROTECTIVE HELMETS WITH NON-LINEARLY DEFORMING ELEMENTS**
[54] **CASQUES PROTECTEURS POURVUS D'ELEMENTS A DEFORMATION NON LINEAIRE**
[72] BROWD, SAMUEL R., US
[72] POSNER, JONATHAN, US
[72] REINHALL, PER G., US
[72] MARVER, DAVID L., US
[72] DARDIS, JOHN T., II, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2016-04-19
[86] 2014-11-05 (PCT/US2014/064173)
[87] (WO2015/069800)
[30] US (61/900,212) 2013-11-05
[30] US (61/923,495) 2014-01-03
[30] US (62/049,161) 2014-09-11
[30] US (62/049,207) 2014-09-11
[30] US (62/049,049) 2014-09-11
[30] US (62/049,190) 2014-09-11

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[51] **Int.Cl. C07D 213/89 (2006.01) A61K 31/44 (2006.01) A61P 11/00 (2006.01) C07D 213/61 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A PDE4 INHIBITOR**
[54] **PROCEDE DE PREPARATION D'UN INHIBITEUR DE LA PDE4**
[72] FALCHI, ALESSANDRO, IT
[72] LUTERO, EMILIO, IT
[72] FERRARI, EMANUELE, IT
[72] PIVETTI, FAUSTO, IT
[72] BUSSOLATI, ROCCO, IT
[72] MARIANI, EDOARDO, IT
[72] VECCHI, ORSOLA, IT
[72] BAPPERT, ERHARD, IT
[72] VENTRICI, CATERINA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2016-04-20
[86] 2014-10-17 (PCT/EP2014/072334)
[87] (WO2015/059050)
[30] EP (13189784.5) 2013-10-22

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[13] A1
[51] **Int.Cl. A01N 43/824 (2006.01) A01N 33/22 (2006.01) A01N 37/40 (2006.01) A01N 41/10 (2006.01) A01N 43/08 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) A01N 43/56 (2006.01) A01N 43/707 (2006.01) A01N 43/76 (2006.01) A01N 43/80 (2006.01) A01N 43/90 (2006.01) A01N 47/30 (2006.01) A01N 47/36 (2006.01) A01N 57/20 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS CONTAINING N-(1,3,4-OXADIAZOL-2-YL)-ARYL CARBOXYLIC ACID AMIDES**
[54] **COMPOSITIONS HERBICIDES CONTENANT DES N-(1,3,4-OXADIAZOL-2-YL)ARYLCARBOXAMIDES**
[72] KOHN, ARNIM, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] GATZWEILER, ELMAR, DE
[72] TRABOLD, KLAUS, DE
[72] MENNE, HUBERT, DE
[72] AHRENS, HARTMUT, DE
[72] DORNER-RIEPING, SIMON, DE
[72] BRAUN, RALF, DE
[72] HEINEMANN, INES, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2016-03-22
[86] 2014-10-22 (PCT/EP2014/072645)
[87] (WO2015/059187)
[30] EP (13190182.9) 2013-10-25

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[13] A1
[51] **Int.Cl. C07C 1/20 (2006.01) C07C 7/04 (2006.01)**
[25] EN
[54] **PROCESS FOR CONVERTING OXYGENATES TO OLEFINS**
[54] **PROCEDE DE CONVERSION DE COMPOSES OXYGENES EN OLEFINES**
[72] MARSMAN, JEROEN GERARD, NL
[72] CHEWTER, LESLIE ANDREW, NL
[72] SADASIVAN VIJAYAKUMARI, SIVAKUMAR, US
[72] VAN WESTRENEN, JEROEN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-03-22
[86] 2014-10-30 (PCT/EP2014/073337)
[87] (WO2015/063214)
[30] EP (13191188.5) 2013-10-31

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[13] A1
[51] **Int.Cl. C07C 1/20 (2006.01) B01J 4/00 (2006.01) B01J 8/44 (2006.01)**
[25] EN
[54] **PROCESS FOR CONVERTING OXYGENATES TO OLEFINS**
[54] **PROCEDE POUR LA CONVERSION DE COMPOSES OXYGENES EN OLEFINES**
[72] SANBORN, RICHARD ADDISON, US
[72] SADASIVAN VIJAYAKUMARI, SIVAKUMAR, US
[72] CHEWTER, LESLIE ANDREW, NL
[72] CHEN, YE MON, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-03-22
[86] 2014-10-31 (PCT/EP2014/073424)
[87] (WO2015/063254)
[30] EP (13191186.9) 2013-10-31

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[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01) B01F 5/04 (2006.01) B01F 15/02 (2006.01) C02F 1/24 (2006.01)**
[25] EN
[54] **MICROBUBBLE GENERATING DEVICE AND CONTAMINATED WATER PURIFYING SYSTEM PROVIDED WITH MICROBUBBLE GENERATING DEVICE**
[54] **DISPOSITIF DE GENERATION DE MICROBULLES ET SYSTEME DE PURIFICATION D'EAU CONTAMINEE POURVU DU DISPOSITIF DE GENERATION DE MICROBULLES**
[72] TAMURA, IWAO, JP
[72] ADACHI, KAZUYOSHI, JP
[71] EARTH RE PURE INC., JP
[85] 2016-04-20
[86] 2014-10-23 (PCT/JP2014/078208)
[87] (WO2015/060382)
[30] JP (2013-219791) 2013-10-23

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[13] A1
[51] **Int.Cl. G09G 5/00 (2006.01) G09G 5/391 (2006.01) H04N 5/64 (2006.01)**
[25] EN
[54] **IMAGE DISPLAY DEVICE AND IMAGE DISPLAY METHOD, IMAGE OUTPUT DEVICE AND IMAGE OUTPUT METHOD, AND IMAGE DISPLAY SYSTEM**
[54] **DISPOSITIF D'AFFICHAGE D'IMAGE ET PROCEDE D'AFFICHAGE D'IMAGE, DISPOSITIF DE SORTIE D'IMAGE ET PROCEDE DE SORTIE D'IMAGE, ET SYSTEME D'AFFICHAGE D'IMAGE**
[72] HASEGAWA, YUICHI, JP
[72] KAMADA, YASUNORI, JP
[72] TANAKA, EIICHI, JP
[71] SONY CORPORATION, JP
[85] 2016-04-20
[86] 2014-12-11 (PCT/JP2014/082900)
[87] (WO2015/107817)
[30] JP (2014-007472) 2014-01-20

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[13] A1
[51] **Int.Cl. F26B 3/02 (2006.01) F26B 15/18 (2006.01)**
[25] EN
[54] **COAL DRYING SYSTEM USING REHEAT STEAM**
[54] **SYSTEME DE CHAUFFAGE DE CHARBON UTILISANT UNE VAPEUR DE RECHAUFFAGE**
[72] KIM, SUNG KON, KR
[71] HANKOOK TECHNOLOGY INC., KR
[85] 2016-04-20
[86] 2014-10-28 (PCT/KR2014/010160)
[87] (WO2015/064997)
[30] KR (10-2013-0129752) 2013-10-30

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[13] A1
[51] **Int.Cl. F41H 7/02 (2006.01)**
[25] EN
[54] **SURVIVABILITY CAPSULE FOR ARMORED VEHICLES**
[54] **CAPSULE DE SURVIE POUR VEHICULES BLINDES**
[72] PFISTER, KARL GERHARD, CA
[72] PFISTER, KARL GERHARD, CA
[71] 2040422 ONTARIO INC., CA
[85] 2016-04-21
[86] 2014-10-23 (PCT/CA2014/000772)
[87] (WO2015/058290)
[30] US (61/894,725) 2013-10-23

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[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01) E21B 41/00 (2006.01) F21V 21/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **LIGHTING SYSTEM FOR DRILLING RIG**
[54] **SYSTEME D'ECLAIRAGE POUR APPAREIL DE FORAGE**
[72] DUPUIS, DARCY K., CA
[72] GOWANLOCK, MATTHEW, CA
[71] APOLLO ENERGY SERVICES CORP., CA
[85] 2016-04-21
[86] 2014-07-17 (PCT/CA2014/050681)
[87] (WO2015/077871)
[30] US (14/093,097) 2013-11-29

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[13] A1
[51] **Int.Cl. E04C 3/293 (2006.01) E04C 3/34 (2006.01) E04C 5/07 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURAL MEMBER, METHOD FOR MANUFACTURING SAME, AND CONNECTING ASSEMBLIES FOR COMPOSITE STRUCTURAL MEMBERS**
[54] **ELEMENT STRUCTUREL COMPOSITE, SON PROCEDE DE FABRICATION, ET ENSEMBLES DE LIAISON POUR ELEMENTS STRUCTURELS COMPOSITES**
[72] MASMOUDI, RADHOUANE, CA
[72] ABOUZIED, AHMED, CA
[71] SOCPRA SCIENCES ET GENIE S.E.C., CA
[85] 2016-04-21
[86] 2014-10-30 (PCT/CA2014/051045)
[87] (WO2015/061906)
[30] US (61/897,429) 2013-10-30

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[13] A1
[51] **Int.Cl. F21V 5/04 (2006.01)**
[25] EN
[54] **OPTICAL LENS AND LED LIGHT MODULE FOR BACKLIGHTING**
[54] **LENTILLE OPTIQUE ET MODULE LUMINEUX A DEL POUR RETROECLAIRAGE**
[72] WANG, SUPING, CN
[72] NALL, JEFFREY MARC, US
[72] SPAHNIE, BRIAN MORGAN, US
[72] ZHANG, XIAOJUAN, CN
[72] NI, YAN, CN
[72] XIE, SHANSHAN, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2016-04-21
[86] 2013-10-31 (PCT/CN2013/086320)
[87] (WO2015/062023)

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[13] A1
[51] **Int.Cl. C07H 19/11 (2006.01) A61K 31/7072 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **CRYSTAL FORM OF NUCLEOSIDE INHIBITOR OF HCV**
[54] **FORME CRISTALLINE D'UN INHIBITEUR NUCLEOSIDIQUE DU VHC**
[72] ALBANEZE-WALKER, JENNIFER, BE
[72] ZENG, XIANGLU, CN
[72] YUAN, YUANYUAN, CN
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2016-04-21
[86] 2013-11-28 (PCT/CN2013/088077)
[87] (WO2015/077966)

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[13] A1
[51] **Int.Cl. F02C 7/047 (2006.01) B64D 15/04 (2006.01) B64D 33/02 (2006.01) F01D 25/02 (2006.01)**
[25] EN
[54] **ANTI-ICING SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE DEGIVRAGE POUR UN AERONEF**
[72] NEWMAN, RICHARD, GB
[72] MCCAUSLAND, MICHAEL, GB
[71] SHORT BROTHERS PLC, IE
[85] 2016-04-20
[86] 2014-10-24 (PCT/GB2014/053174)
[87] (WO2015/059489)
[30] US (61/895,540) 2013-10-25

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[13] A1
[51] **Int.Cl. A61K 38/27 (2006.01) A61K 38/24 (2006.01)**
[25] EN
[54] **LONG-ACTING POLYPEPTIDES AND METHODS OF PRODUCING AND ADMINISTERING SAME**
[54] **POLYPEPTIDES A ACTION PROLONGEE ET PROCEDES DE PRODUCTION ET D'ADMINISTRATION DE CEUX-CI**
[72] FARES, FUAD, IL
[72] FIMA, UDI EYAL, IL
[71] OPKO BIOLOGICS LTD., IL
[85] 2016-04-20
[86] 2014-10-21 (PCT/IL2014/050910)
[87] (WO2015/059695)
[30] US (14/059,134) 2013-10-21
[30] US (14/309,496) 2014-06-19

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[13] A1
[51] **Int.Cl. A61C 5/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENDODONTIC TREATMENT**
[54] **APPAREIL ET METHODE POUR TRAITEMENT ENDODONTIQUE**
[72] LIFSHITZ, AMNON, IL
[72] DARSHAN, YEHUDA, IL
[71] FLUIDFILE LTD., IL
[85] 2016-04-20
[86] 2014-10-23 (PCT/IL2014/050924)
[87] (WO2015/059707)
[30] US (61/894,762) 2013-10-23
[30] US (61/895,316) 2013-10-24

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF EVALUATING A RISK OF LUNG CANCER**
[54] **PROCEDES ET SYSTEMES POUR EVALUER UN RISQUE DE CANCER DU POUMON**
[72] KALKSTEIN, NIR, IL
[72] KINAR, YARON, IL
[72] SHALEV, VARDA, IL
[72] CHODICK, GABRIEL, IL
[72] GOLDSHTEIN, INBAL, IL
[71] MEDIAL RESEARCH LTD., IL
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[87] (WO2015/068157)
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[51] **Int.Cl. A61B 17/74 (2006.01) A61B 17/00 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **A DEVICE FOR BONE SUPPORT WITH IMPROVED ROTATIONAL STABILITY**
[54] **DISPOSITIF POUR SUPPORT OSSEUX A STABILITE ROTATIONNELLE AMELIOREE**
[72] HALDER, SUBHASH CHANDRA, GB
[71] GENERAL SURGICAL COMPANY (INDIA) PVT LIMITED, IN
[85] 2016-04-20
[86] 2014-10-21 (PCT/IN2014/000674)
[87] (WO2015/059717)
[30] IN (4762/CHE/2013) 2013-10-22

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[51] **Int.Cl. G06F 11/36 (2006.01) G06F 9/46 (2006.01)**
[25] EN
[54] **RANDOMIZED TESTING WITHIN TRANSACTIONAL EXECUTION**
[54] **TEST RANDOMISE DANS LE CADRE D'UNE EXECUTION TRANSACTIONNELLE**
[72] GREINER, DAN, US
[72] JACOBI, CHRISTIAN, US
[72] SLEGEL, TIMOTHY, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-18
[86] 2013-05-03 (PCT/EP2013/059205)
[87] (WO2013/185978)
[30] US (13/524,796) 2012-06-15

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[51] **Int.Cl. E21C 27/00 (2006.01) E21C 27/28 (2006.01) E21C 35/20 (2006.01)**
[25] EN
[54] **METHOD FOR RECIPROCATING PUNCHING/RAKING/LOADING BY POWER BOX ON EXCAVATOR, AND EXCAVATOR HAVING POWER BOX CAPABLE OF RECIPROCATING PUNCHING/RAKING/LOADING**
[54] **PROCEDE PERMETTANT D'ALTERNER LA PERFORATION, LE RACLAGE ET LE CHARGEMENT AU MOYEN D'UN BOITIER MECANIQUE MONTE SUR UN EXCAVATEUR, ET EXCAVATEUR COMPORTANT UN BOITIER MECANIQUE POUVANT ALTERNER LA PERFORATION, LE RACLAGE ET LE CHARGEMENT**
[72] LIU, SUHUA, CN
[71] LIU, SUHUA, CN
[85] 2016-04-21
[86] 2014-10-21 (PCT/CN2014/000928)
[87] (WO2015/058465)
[30] CN (201310492936.6) 2013-10-21
[30] CN (201310508806.7) 2013-10-25
[30] CN (201310601557.6) 2013-11-26
[30] CN (201410042606.1) 2014-01-29
[30] CN (201410205501.3) 2014-05-09
[30] CN (201410281255.X) 2014-06-15
[30] CN (201410318364.4) 2014-06-26

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[13] A1
[51] **Int.Cl. E21C 35/20 (2006.01) E02F 3/22 (2006.01) E21C 47/06 (2006.01)**
[25] EN
[54] **METHOD FOR DIRECTIONALLY SWAYING AND RESETTING HARROW TEETH OF ROLLING HARROW LOADER-EXCAVATOR AND ROLLING HARROW LOADER-EXCAVATOR WITH DIRECTIONAL SWAY AND RESET HARROW TEETH FORIMPLMENTING SUCH METHOD**
[54] **PROCEDE DE DEPLACEMENT ET DE REAJUSTEMENT DES DENTS DE HERSE D'UNE EXCAVATRICE A HERSE ET EXCAVATRICE A HERSE DONT LES DENTS PEUVENT ETRE DIRIGEES ET REAJUSTEES POUR LA MISE EN OEUVRE DU PROCEDE**
[72] LIU, SUHUA, CN
[71] LIU, SUHUA, CN
[85] 2016-04-21
[86] 2014-10-21 (PCT/CN2014/000929)
[87] (WO2015/058466)
[30] CN (201310492936.6) 2013-10-21
[30] CN (201310601557.6) 2013-11-26
[30] CN (201410042606.1) 2014-01-29
[30] CN (201410281255.X) 2014-06-15
[30] CN (201410318364.4) 2014-06-26
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[13] A1
[51] **Int.Cl. E21C 35/20 (2006.01)**
[25] EN
[54] **METHOD OF LOADING MATERIAL BY CURVED AUXILIARY ROCKER ARM ON MINING MACHINE, AND MINING MACHINE HAVING CURVED AUXILIARY ROCKER ARM CAPABLE OF LOADING MATERIAL FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE DE CHARGEMENT DE MATERIAU PAR UN CULBUTEUR AUXILIAIRE INCLINE MONTE SUR HAVEUSE, ET HAVEUSE COMPORTANT UN CULBUTEUR AUXILIAIRE INCLINE POUVANT CHARGER DU MATERIAU POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] LIU, SUHUA, CN
[71] LIU, SUHUA, CN
[85] 2016-04-21
[86] 2014-10-21 (PCT/CN2014/000930)
[87] (WO2015/058467)
[30] CN (201310492925.8) 2013-10-21

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[51] **Int.Cl. A47L 9/16 (2006.01)**
[25] EN
[54] **CYCLONE SEPARATOR**
[54] **SEPARATEUR A CYCLONE**
[72] LIU, SHENGHUI, CN
[72] XU, QUAN, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2016-04-21
[86] 2014-04-14 (PCT/CN2014/075274)
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[51] **Int.Cl. C07D 413/10 (2006.01) A61K 31/4245 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 19/04 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **IMMUNE ADJUSTMENT COMPOUND, USE THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING SAME**
[54] **COMPOSE IMMUNOMODULATEUR, SON UTILISATION ET COMPOSITION PHARMACEUTIQUE COMPRENANT CE COMPOSE**
[72] ZHENG, WEI, US
[72] PAN, WUBIN, CA
[72] YANG, XIN, CN
[71] SUZHOU CONNECT BIOPHARMACEUTICALS, LTD., CN
[85] 2016-04-21
[86] 2014-09-15 (PCT/CN2014/086538)
[87] (WO2015/039587)
[30] CN (201310433018.6) 2013-09-22

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[13] A1
[51] **Int.Cl. B60Q 1/34 (2006.01) B60Q 1/52 (2006.01) B60Q 5/00 (2006.01)**
[25] EN
[54] **A WARNING SYSTEM FOR A TURNING VEHICLE AND A VEHICLE COMPRISING SUCH A WARNING SYSTEM**
[54] **SYSTEME D'AVERTISSEMENT POUR VEHICULE TOURNANT ET VEHICULE COMPRENANT LEDIT SYSTEME D'AVERTISSEMENT**
[72] UHRENHOLT, UFFE, DK
[71] FAIRWOOD INNOVATION A/S, DK
[85] 2016-04-21
[86] 2014-10-24 (PCT/DK2014/050349)
[87] (WO2015/058776)
[30] DK (PA 2013 70622) 2013-10-25
[30] DK (PA 2014 70173) 2014-04-04

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CATEGORIZING EVENTS**
[54] **SYSTEME ET PROCEDE DE CATEGORISATION D'EVENEMENTS**
[72] KNIGHT, PETER ROBIN, GB
[72] THUONG, OLIVIER PAUL JACQUES THANH MINH, GB
[72] AYIK, HATICE MUJDE, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
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[51] **Int.Cl. A01B 1/00 (2006.01) E01B 2/00 (2006.01) E01D 19/12 (2006.01)**
[25] EN
[54] **CONTINUOUS TRAVEL TRACK ON A VIADUCT STRUCTURE**
[54] **VOIE DE ROULEMENT CONTINUE SUR OUVRAGE VIADUC**
[72] LAURIOT DIT PREVOST, ROMAIN, FR
[71] SIEMENS S.A.S., FR
[85] 2016-04-21
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[51] **Int.Cl. C07D 305/14 (2006.01)**
[25] EN
[54] **CRYSTALLINE SOLVATE FORMS OF CABAZITAXEL**
[54] **FORMES CRISTALLINES DE SOLVATE DU CABAZITAXEL**
[72] CABRI, WALTER, IT
[72] CICERI, DANIELE, IT
[72] DOMENIGHINI, LUCA, IT
[72] GAMBINI, ANDREA, IT
[72] PETERLONGO, FEDERICO, IT
[71] INDENA S.P.A., IT
[85] 2016-04-21
[86] 2014-10-09 (PCT/EP2014/071596)
[87] (WO2015/058960)
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[51] **Int.Cl. C07D 305/14 (2006.01) A61K 31/337 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A CRYSTALLINE ANHYDROUS FORM OF CABAZITAXEL, PROCESS FOR THE PREPARATION AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **FORME ANHYDRE CRISTALLINE DU CABAZITAXEL, SON PROCEDE DE PREPARATION ET SES COMPOSITIONS PHARMACEUTIQUES**
[72] CABRI, WALTER, IT
[72] CICERI, DANIELE, IT
[72] DOMENIGHINI, LUCA, IT
[72] GAMBINI, ANDREA, IT
[72] PETERLONGO, FEDERICO, IT
[71] INDENA S.P.A., IT
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[30] EP (13189949.4) 2013-10-23

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[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **METHOD OF REGRESSION FOR CHANGE DETECTION**
[54] **PROCEDE DE REGRESSION POUR DETECTION DE CHANGEMENT**
[72] CALLAN, ROBERT EDWARD, GB
[72] MEEKIN, PAUL, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[85] 2016-04-21
[86] 2013-10-30 (PCT/GB2013/052829)
[87] (WO2015/063435)

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[13] A1
[51] **Int.Cl. G05B 17/02 (2006.01)**
[25] EN
[54] **METHOD OF CONSTRUCTION AND SELECTION OF PROBALISTIC GRAPHICAL MODELS**
[54] **PROCEDE DE CONSTRUCTION ET DE SELECTION DE MODELES GRAPHIQUES PROBABILISTES**
[72] BUTTERLEY, PAUL, GB
[72] CALLAN, ROBERT EDWARD, GB
[72] THUONG, OLIVIER PAUL JACQUES THANH MINH, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
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[86] 2013-10-30 (PCT/GB2013/052830)
[87] (WO2015/063436)

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[51] **Int.Cl. C12Q 1/37 (2006.01) G01N 33/543 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **DETECTION OF CLEAVAGE ACTIVITY OF AN ENZYME**
[54] **DETECTION DE L'ACTIVITE DE COUPURE D'UNE ENZYME**
[72] DAVIS, PAUL, GB
[72] PAREKH, GITA, GB
[72] SCHOUTEN, JAMES, GB
[71] MOLOGIC LIMITED, GB
[85] 2016-04-21
[86] 2014-10-23 (PCT/GB2014/053171)
[87] (WO2015/059487)
[30] GB (1318728.1) 2013-10-23

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **MONITORING OF STEAM INJECTION**
[54] **CONTROLE DE L'INJECTION DE VAPEUR**
[72] MCEWEN-KING, MAGNUS, GB
[72] HILL, DAVID, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
[85] 2016-04-21
[86] 2014-11-04 (PCT/GB2014/053273)
[87] (WO2015/067931)
[30] GB (1319553.2) 2013-11-05

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[13] A1
[51] **Int.Cl. A45C 15/00 (2006.01) A45C 5/14 (2006.01) B60B 33/00 (2006.01) B60B 37/10 (2006.01)**
[25] EN
[54] **WHEELED LUGGAGE CASE**
[54] **VALISE A ROUES**
[72] SHALGI, NETTA, IL
[71] TRAVEL LIGHT LTD., IL
[85] 2016-04-21
[86] 2013-10-28 (PCT/IL2013/050878)
[87] (WO2015/063752)

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/10 (2006.01)**
[25] EN
[54] **FORMULATION FOR GONADOTROPINS**
[54] **FORMULATION POUR LES GONADOTROPHINES**
[72] PATEL, CHINTAN, IN
[72] MAHAJAN, MUKESH, IN
[72] BANDYOPADHYAY, SANJAY, IN
[72] MENDIRATTA, SANJEEV KUMAR, IN
[72] CHANDRESH, BHATT, IN
[71] CADILA HEALTHCARE LIMITED, IN
[85] 2016-04-20
[86] 2014-10-31 (PCT/IN2014/000691)
[87] (WO2015/075743)
[30] IN (3559/MUM/2013) 2013-11-12

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[13] A1
[51] **Int.Cl. A61B 5/087 (2006.01) A61B 5/113 (2006.01)**
[25] EN
[54] **MOTION MONITOR**
[54] **SYSTEME DE SURVEILLANCE DE MOUVEMENT**
[72] AUERBACH, DITZA, IL
[71] BREATHEVISION LTD., IL
[85] 2016-04-21
[86] 2014-10-22 (PCT/IL2014/050916)
[87] (WO2015/059700)
[30] US (61/895,000) 2013-10-24
[30] US (62/020,649) 2014-07-03

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[51] **Int.Cl. C07D 215/20 (2006.01) A61K 31/47 (2006.01) A61K 47/10 (2006.01) A61K 47/34 (2006.01) A61K 51/00 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **TAU IMAGING PROBE**
[54] **SONDE D'IMAGERIE DE LA PROTEINE TAU**
[72] KUDO, YUKITSUKA, JP
[72] OKAMURA, NOBUYUKI, JP
[72] FURUMOTO, SHOZO, JP
[71] CLINO LTD., JP
[85] 2016-04-20
[86] 2014-10-22 (PCT/JP2014/078146)
[87] (WO2015/060365)
[30] JP (2013-233470) 2013-10-22

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[51] **Int.Cl. A61K 38/37 (2006.01) A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 38/48 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **METHOD OF TREATING HAEMOPHILIA BY INDUCING TOLERANCE TO BLOOD FACTORS**
[54] **PROCEDE POUR TRAITER L'HEMOPHILIE EN INDUISANT UNE TOLERANCE DE FACTEURS SANGUINS**
[72] LACROIX-DESMAZES, SEBASTIEN, FR
[72] MONDOULET, LUCIE, FR
[72] DIOSZEGHY, VINCENT, FR
[71] DBV TECHNOLOGIES, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2016-04-21
[86] 2014-10-21 (PCT/EP2014/072508)
[87] (WO2015/059121)
[30] EP (13306453.5) 2013-10-22

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[13] A1
[51] **Int.Cl. A61K 38/10 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING ACUTE MYELOID LEUKEMIA WITH A FLT3 MUTATION**
[54] **METHODES DE TRAITEMENT DE LA LEUCEMIE MYELOIDE AIGUE AVEC MUTATION DE LA FLT3**
[72] PELED, AMNON, IL
[72] ABRAHAM, MICHAL, IL
[71] BIOKINE THERAPEUTICS LTD., IL
[71] BIOLINERX LTD., IL
[85] 2016-04-21
[86] 2014-10-30 (PCT/IL2014/050939)
[87] (WO2015/063768)
[30] US (61/897,921) 2013-10-31
[30] US (61/945,302) 2014-02-27

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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/54 (2006.01)**
[25] EN
[54] **FACILITATING COMMUNICATION BETWEEN SOFTWARE COMPONENTS THAT USE MIDDLEWARE**
[54] **FACILITATION DE LA COMMUNICATION ENTRE DES COMPOSANTS LOGICIELS UTILISANT UN INTERGICIEL**
[72] METTRICK, SIMON JONATHAN, GB
[71] BAE SYSTEMS PLC, GB
[85] 2016-04-21
[86] 2014-10-22 (PCT/EP2014/072596)
[87] (WO2015/059165)
[30] GB (1318639.0) 2013-10-22
[30] EP (13275252.8) 2013-10-22

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND TREATMENT OF DISORDERS IN PATIENTS WITH ELEVATED LEVELS OF TLR4 LIGANDS AND OTHER BIOMARKERS**
[54] **PROCEDES ET COMPOSITIONS DE DIAGNOSTIC ET DE TRAITEMENT DE TROUBLES CHEZ DES PATIENTS PRESENTANT DES NIVEAUX ELEVES DE LIGANDS DE TLR4 ET AUTRES BIOMARQUEURS**
[72] DE MIN, CRISTINA, CH
[72] SHANG, LIMIN, CH
[72] MONNET, EMMANUEL, CH
[72] ELSON, GREG, FR
[72] HATTERER, ERIC, CH
[71] NOVIMMUNE S.A., CH
[85] 2016-04-21
[86] 2014-10-22 (PCT/EP2014/072606)
[87] (WO2015/059168)
[30] US (61/894,042) 2013-10-22

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[13] A1
[51] **Int.Cl. F01D 5/02 (2006.01) F04D 29/044 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **TURBOMACHINE WITH A COOLED COUPLING GUARD**
[54] **TURBOMACHINE A PROTECTION D'ACCOUPLEMENT REFROIDIE**
[72] PELELLA, MARCO, IT
[72] BERNOCCHI, ANDREA, IT
[72] GRIMALDI, ANGELO, IT
[72] TANTERI, SIMONE, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2016-04-21
[86] 2014-10-24 (PCT/EP2014/072835)
[87] (WO2015/059267)
[30] IT (CO2013A000052) 2013-10-25

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[13] A1
[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **SEPARATOR-FITTED SINGLE FUEL CELL, AND FUEL CELL STACK**
[54] **PILE A COMBUSTIBLE INDIVIDUELLE EQUIPEE D'UN SEPARATEUR ET EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KURIBAYASHI, MAKOTO, JP
[72] OKUYAMA, YASUO, JP
[72] IKEDA, ETSUYA, JP
[71] NGK SPARK PLUG CO., LTD., JP
[85] 2016-04-21
[86] 2014-10-23 (PCT/JP2014/005383)
[87] (WO2015/064067)
[30] JP (2013-224096) 2013-10-29

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[13] A1
[51] **Int.Cl. A61K 38/28 (2006.01) A61K 9/08 (2006.01) A61K 47/00 (2006.01) A61K 47/10 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **STABLE FORMULATION OF INSULIN GLULISINE**
[54] **FORMULATION STABLES D'INSULINE GLULISINE**
[72] LOOS, PETRA, DE
[72] GEHRMANN, THOMAS, DE
[72] BERCHTOLD, HARALD, DE
[72] WERNER, ULRICH, DE
[72] GANZ, MATTHIAS, DE
[71] SANOFI, FR
[85] 2016-04-21
[86] 2014-10-24 (PCT/EP2014/072915)
[87] (WO2015/059302)
[30] EP (13306475.8) 2013-10-25

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[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING MICROSEISMIC EVENTS USING CLUSTERS**
[54] **SYSTEME ET PROCEDE D'ANALYSE D'EVENEMENTS MICROSISMIQUES AU MOYEN D'ENSEMBLES**
[72] REBEL, ESTELLE, FR
[72] MEUNIER, JULIEN, FR
[71] CGG SERVICES SA, FR
[85] 2016-04-21
[86] 2014-10-27 (PCT/EP2014/072955)
[87] (WO2015/063010)
[30] FR (1360739) 2013-10-31

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[13] A1
[51] **Int.Cl. G03B 11/04 (2006.01) G03B 17/02 (2006.01) H04N 5/225 (2006.01) H04N 7/15 (2006.01)**
[25] EN
[54] **IMAGING DEVICE**
[54] **DISPOSITIF DE CAPTURE D'IMAGE**
[72] HIRAMATSU, TAKAHIRO, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-04-21
[86] 2014-10-24 (PCT/JP2014/078321)
[87] (WO2015/068591)
[30] JP (2013-230385) 2013-11-06

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[13] A1
[51] **Int.Cl. E04C 3/30 (2006.01) E04B 1/98 (2006.01) E04H 9/02 (2006.01)**
[25] FR
[54] **STRUCTURE DE SUPPORT COMPORTANT UN PILIER AMORTISSEUR DE VIBRATIONS**
[54] **SUPPORT STRUCTURE COMPRISING A SHOCK ABSORBING PILLAR**
[72] DEMISSY, DANIEL, CA
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2016-04-21
[86] 2014-10-28 (PCT/EP2014/073081)
[87] (WO2015/063065)
[30] FR (13 60517) 2013-10-29

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[13] A1
[51] **Int.Cl. C10B 57/04 (2006.01) C10B 53/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING COKE, AND COKE**
[54] **PROCEDE DE PRODUCTION DE COKE ET COKE**
[72] HAMAGUCHI, MAKI, JP
[72] WADA, SHOHEI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2016-04-21
[86] 2014-11-26 (PCT/JP2014/081285)
[87] (WO2015/083594)
[30] JP (2013-251219) 2013-12-04

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[51] **Int.Cl. B02C 2/06 (2006.01)**
[25] EN
[54] **A GYRATORY CRUSHER SPIDER BUSHING ASSEMBLY**
[54] **ENSEMBLE MANCHON DE CROISILLON POUR CONCASSEUR GIRATOIRE**
[72] HOLOMBERG, ANNE, SE
[72] NILSSON, MATTS-AKE, SE
[72] SVENSSON, ARVID, SE
[72] ERIKSSON, FREDRIK, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2016-04-21
[86] 2014-10-29 (PCT/EP2014/073187)
[87] (WO2015/074843)
[30] EP (13193474.7) 2013-11-19

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[13] A1
[51] **Int.Cl. A61L 15/18 (2006.01) A61L 15/44 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **HAEMOSTATIC COMPOSITION COMPRISING CRYSTALLINE POLYPHOSPHATE**
[54] **PRODUIT HEMOSTATIQUE CONTENANT UN POLYPHOSPHATE CRISTALLIN**
[72] THAUERN, HENRIKE, DE
[72] STAFFEL, THOMAS, DE
[71] BK GIULINI GMBH, DE
[85] 2016-04-21
[86] 2014-10-30 (PCT/EP2014/073274)
[87] (WO2015/063190)
[30] DE (10 2013 222 223.8) 2013-10-31

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[13] A1
[51] **Int.Cl. C08K 5/15 (2006.01) C08K 5/28 (2006.01) C08K 5/3415 (2006.01) C08L 23/06 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MODIFYING ETHYLENE-BASED POLYMERS AND COPOLYMERS**
[54] **PROCEDE DE MODIFICATION DE POLYMERES ET DE COPOLYMERES A BASE D'ETHYLENE**
[72] BEEK, WALDO JOSEPH ELISABETH, NL
[72] TALMA, AUKE GERARDUS, NL
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2016-04-21
[86] 2014-10-31 (PCT/EP2014/073418)
[87] (WO2015/067533)
[30] EP (13191976.3) 2013-11-07

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[13] A1
[51] **Int.Cl. C09K 8/54 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **CORROSION-RESISTANT REFRACTORY BINDER COMPOSITIONS AND OIL WELL COMPLETION AND PRODUCTION OPERATIONS**
[54] **COMPOSITIONS DE LIANTS REFRACTAIRES RESISTANT A LA CORROSION ET COMPLETION DE PUITS DE PETROLE ET OPERATIONS DE PRODUCTION**
[72] AGAPIOU, KYRIS, US
[72] IVERSON, BEN, US
[72] LEWIS, SAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-21
[86] 2013-12-18 (PCT/US2013/076048)
[87] (WO2015/094218)

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[13] A1
[51] **Int.Cl. A63G 7/00 (2006.01) A63G 9/00 (2006.01) A63G 21/18 (2006.01)**
[25] EN
[54] **AMUSEMENT PARK RIDE WITH MOVABLE TRACK SECTION**
[54] **PISTE DE DIVERTISSEMENT EQUIPE D'UNE PARTIE DE PISTE MOBILE**
[72] BURGER, GUNTER, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2016-04-21
[86] 2014-11-05 (PCT/EP2014/073818)
[87] (WO2015/067658)
[30] DE (10 2013 222 910.0) 2013-11-11

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[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/50 (2006.01)**
[25] EN
[54] **FORMULATIONS**
[54] **FORMULATIONS**
[72] COULTER, IVAN, IE
[72] AVERSA, VINCENZO, IE
[72] MCDONALD, BERNARD FRANCIS, IE
[72] ROSA, MONICA, IE
[71] SIGMOID PHARMA LIMITED, IE
[85] 2016-04-21
[86] 2014-11-07 (PCT/EP2014/074057)
[87] (WO2015/067763)
[30] GB (1319791.8) 2013-11-08

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[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01) B07C 5/342 (2006.01) G01N 21/85 (2006.01)**
[25] EN
[54] **OBJECT IMAGING ASSEMBLY**
[54] **ENSEMBLE D'IMAGERIE D'OBJETS**
[72] CALCOEN, JOHAN, BE
[72] VAN DE LAAK, THOMAS, DE
[71] KEY TECHNOLOGY, INC., US
[85] 2016-04-21
[86] 2014-06-02 (PCT/US2014/040546)
[87] (WO2015/088581)
[30] US (14/101,667) 2013-12-10

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODIES SPECIFIC TO FCRN**
[54] **ANTICORPS SPECIFIQUES A FCRN**
[72] ATHERFOLD, PAUL ALAN, GB
[72] CESKA, THOMAS ALLEN, GB
[72] FINNEY, HELENE MARGARET, GB
[72] KEVORKIAN, LARA, GB
[72] SARKAR, KAUSHIK, GB
[72] SMITH, BRYAN JOHN, GB
[72] TYSON, KERRY LOUISE, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-04-21
[86] 2014-11-12 (PCT/EP2014/074409)
[87] (WO2015/071330)
[30] GB (1320066.2) 2013-11-13

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[13] A1
[51] **Int.Cl. B60C 11/03 (2006.01) B60C 11/04 (2006.01) B60C 11/11 (2006.01) B60C 11/12 (2006.01)**
[25] EN
[54] **TIRE HAVING GROOVES COMPRISING SIPES AND/OR OTHER CROSS-GROOVE NEGATIVE GEOMETRY**
[54] **PNEU PRESENTANT DES RAINURES COMPORTANT DES LAMELLES ET/OU UN AUTRE TYPE DE GEOMETRIE NEGATIVE TRANSVERSALEMENT AUX RAINURES**
[72] MADRID, REUBIN, US
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2016-04-21
[86] 2014-07-31 (PCT/US2014/049002)
[87] (WO2015/060920)
[30] US (14/059,516) 2013-10-22

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[13] A1
[51] **Int.Cl. B65D 5/74 (2006.01)**
[25] EN
[54] **AN OPENING DEVICE FOR A CONTAINER AND A METHOD FOR PRODUCING SUCH OPENING DEVICE**
[54] **DISPOSITIF D'OUVERTURE POUR UN RECIPIENT ET PROCEDE DE PRODUCTION D'UN TEL DISPOSITIF D'OUVERTURE**
[72] MARTINI, PIETRO, IT
[72] VERONESI, LIVIO, IT
[72] BERTANI, GIULIO, IT
[72] MORCIANO, DAVIDE, IT
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2016-04-21
[86] 2014-11-25 (PCT/EP2014/075472)
[87] (WO2015/096944)
[30] EP (13199500.3) 2013-12-23

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM FOR GENERATING AND CONTROLLING THE QUANTITY OF NICOTINE SALT PARTICLES**
[54] **SYSTEME DE GENERATION D'AEROSOL POUR GENERER ET CONTROLER LA QUANTITE DE PARTICULES DE SEL DE NICOTINE**
[72] SILVESTRINI, PATRICK CHARLES, CH
[72] ZINOVIK, IHAR, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-04-21
[86] 2014-12-12 (PCT/EP2014/077545)
[87] (WO2015/091258)
[30] EP (13198390.0) 2013-12-19

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[13] A1
[51] **Int.Cl. B01J 13/00 (2006.01) C04B 35/80 (2006.01) C04B 38/00 (2006.01) C08G 73/18 (2006.01) C08J 9/28 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE BASED AEROGEL MATERIALS**
[54] **MATERIAUX DE TYPE AEROGELS A BASE DE BENZIMIDAZOLES**
[72] RHINE, WENDELL E., US
[72] MIHALCIK, DAVID, US
[71] ASPEN AEROGELS, INC., US
[85] 2016-04-21
[86] 2014-08-04 (PCT/US2014/049622)
[87] (WO2015/065557)
[30] US (61/899,589) 2013-11-04

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[13] A1
[51] **Int.Cl. B60L 3/04 (2006.01) H02H 3/087 (2006.01) H02H 7/18 (2006.01) H02J 7/00 (2006.01)**
[25] FR
[54] **PROTECTING A POWER SUPPLY INCLUDING A PLURALITY OF BATTERIES IN PARALLEL AGAINST AN EXTERNAL SHORT-CIRCUIT**
[54] **PROTECTION D'UNE ALIMENTATION INCLUANT PLUSIEURS BATTERIES EN PARALLELE CONTRE UN COURT CIRCUIT EXTERNE**
[72] CHATROUX, DANIEL, FR
[72] CARCOUET, SEBASTIEN, FR
[72] ECRABEY, JACQUES, FR
[72] DURAND, ETIENNE, FR
[72] PIERRE, NICOLAS, FR
[72] GARANS, CYRILLE, FR
[72] KERUEL, BERNARD, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] DCNS, FR
[85] 2016-04-21
[86] 2014-10-22 (PCT/FR2014/052686)
[87] (WO2015/059408)
[30] FR (1360482) 2013-10-27

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **APOB ANTISENSE CONJUGATE COMPOUNDS**
[54] **COMPOSES CONJUGUES ANTISENS APOB**
[72] ALBÆK, NANNA, DK
[72] HANSEN, HENRIK FRYDENLUND, DK
[72] KAMMLER, SUSANNE, DK
[72] LINDHOLM, MARIE, SE
[72] TURNER, MARK, DK
[72] ORUM, HENRIK, DK
[71] ROCHE INNOVATION CENTER COPENHAGEN A/S, DK
[85] 2016-04-20
[86] 2014-11-14 (PCT/EP2014/074554)
[87] (WO2015/071388)
[30] EP (13192930.9) 2013-11-14
[30] EP (PCT/EP2013/073858) 2013-11-14
[30] EP (PCT/EP2013/073859) 2013-11-14
[30] EP (14153266.3) 2014-01-30
[30] EP (14167879.7) 2014-05-12

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[51] **Int.Cl. A61K 31/663 (2006.01) A61K 9/52 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR ORAL ADMINISTRATION OF ZOLEDRONIC ACID OR RELATED COMPOUNDS FOR TREATING DISEASE**
[54] **COMPOSITIONS POUR ADMINISTRATION ORALE D'ACIDE ZOLEDRONIQUE OU DE COMPOSES ASSOCIES POUR LE TRAITEMENT DE MALADIES**
[72] TABUTEAU, HERRIOT, US
[71] ANTECIP BIOVENTURES II LLC, US
[85] 2016-04-21
[86] 2014-08-08 (PCT/US2014/050427)
[87] (WO2015/060924)
[30] US (14/063,979) 2013-10-25
[30] US (14/279,241) 2014-05-15

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[13] A1
[51] **Int.Cl. C04B 41/45 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **SILICA-FORMING ARTICLES HAVING ENGINEERED SURFACES TO ENHANCE RESISTANCE TO CREEP SLIDING UNDER HIGH-TEMPERATURE LOADING**
[54] **ARTICLES FORMANT SILICE AYANT DES SURFACES MODIFIEES POUR AMELIORER LA RESISTANCE AU GLISSEMENT DU FLUAGE SOUS DES CHARGES A HAUTES TEMPERATURES**
[72] LIPKIN, DON MARK, US
[72] JOHNSON, CURTIS ALAN, US
[72] MESCHTER, PETER JOEL, US
[72] SUNDARAM, SAIRAM, US
[72] WAN, JULIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-04-21
[86] 2014-08-19 (PCT/US2014/051574)
[87] (WO2015/073082)
[30] US (14/068,693) 2013-10-31

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[13] A1
[51] **Int.Cl. B29C 70/48 (2006.01) B29B 11/16 (2006.01) B29C 70/24 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **FIBROUS PREFORM FOR TURBOMACHINE HOLLOW BLADE**
[54] **PREFORME FIBREUSE POUR AUBE CREUSE DE TURBOMACHINE**
[72] PODGORSKI, MICHAEL, FR
[72] COUPE, DOMINIQUE, FR
[72] DAMBRINE, BRUNO, FR
[72] LE HONG, SON, FR
[72] MOLLIEX, LUDOVIC, FR
[71] SNECMA, FR
[71] SAFRAN, FR
[85] 2016-04-21
[86] 2014-10-22 (PCT/FR2014/052687)
[87] (WO2015/059409)
[30] FR (1360339) 2013-10-23

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[13] A1
[51] **Int.Cl. H01Q 13/26 (2006.01) H01Q 1/46 (2006.01)**
[25] EN
[54] **QUASI-OPTICAL COUPLER**
[54] **COUPLEUR QUASI-OPTIQUE**
[72] HENRY, PAUL SHALA, US
[72] BARNICKEL, DONALD J., US
[72] BARZEGAR, FARHAD, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] WILLIS III, THOMAS M., US
[71] AT&T INTELLECTUAL PROPERTY I, LP, US
[85] 2016-04-21
[86] 2014-10-21 (PCT/US2014/061445)
[87] (WO2015/088650)
[30] US (14/101,567) 2013-12-10

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[13] A1
[51] **Int.Cl. H04M 11/00 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL DELIVERY PLATFORM**
[54] **PLATE-FORME DE DISTRIBUTION MULTICANAL**
[72] BOUZID, AHMED TEWFIK, US
[72] KUMAR, PRAPHUL, US
[72] MATEER, MICHAEL T., US
[72] RENNYSON, DAVID JAMES, US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2016-04-21
[86] 2014-09-19 (PCT/US2014/056452)
[87] (WO2015/042345)
[30] US (14/032,443) 2013-09-20

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[13] A1
[51] **Int.Cl. A61K 31/407 (2006.01) A61K 31/439 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES AGENTS ANTIBACTERIENS**
[72] BHAGWAT, SACHIN, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[71] WOCKHARDT LIMITED, IN
[85] 2016-04-21
[86] 2014-10-22 (PCT/IB2014/065521)
[87] (WO2015/059642)
[30] IN (3308/MUM/2013) 2013-10-22

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[13] A1
[51] **Int.Cl. A61K 38/10 (2006.01) A61P 31/18 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **PEPTIDE INHIBITOR OF HIV REVERSE TRANSCRIPTION**
[54] **INHIBITEUR PEPTIDIQUE DE LA TRANSCRIPTION INVERSE DU VIH**
[72] AGRIS, PAUL F., US
[72] HALL, CAROL, US
[72] XIAO, XINGQING, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2016-04-21
[86] 2014-10-21 (PCT/US2014/061606)
[87] (WO2015/061339)
[30] US (61/893,600) 2013-10-21

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[13] A1
[51] **Int.Cl. B65H 35/00 (2006.01)**
[25] EN
[54] **STANDING TAPE DISPENSER**
[54] **DISTRIBUTEUR DE BANDE A LA VERTICALE**
[72] CHANDARIA, KAPOOR, KE
[71] KITARU INNOVATIONS INC., BB
[85] 2016-04-21
[86] 2013-11-25 (PCT/IB2013/002629)
[87] (WO2014/083403)
[30] US (13/687,255) 2012-11-28

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[13] A1
[51] **Int.Cl. C04B 41/85 (2006.01)**
[25] EN
[54] **METHODS OF REPAIRING MATRIX CRACKS IN MELT INFILTRATED CERAMIC MATRIX COMPOSITES**
[54] **PROCEDES DE REPARATION DE FISSURES DE LA MATRICE DANS DES COMPOSITES A MATRICE CERAMIQUE INFILTREE DE MATIERE FONDUE**
[72] CORMAN, GREGORY SCOT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-04-21
[86] 2014-09-26 (PCT/US2014/057571)
[87] (WO2015/065627)
[30] US (14/067,322) 2013-10-30

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[13] A1
[51] **Int.Cl. A61K 31/439 (2006.01) A61K 31/546 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES AGENTS ANTIBACTERIENS**
[72] BHAGWAT, SACHIN, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[71] WOCKHARDT LIMITED, IN
[85] 2016-04-21
[86] 2014-10-22 (PCT/IB2014/065522)
[87] (WO2015/059643)
[30] IN (3309/MUM/2013) 2013-10-22

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[13] A1
[51] **Int.Cl. C02F 11/14 (2006.01)**
[25] EN
[54] **REDUCTION OF SUBSTANCES IN CONTAMINATED FLUIDS USING A NATURALLY OCCURRING BIOLOGICAL GROWTH MEDIA**
[54] **REDUCTION DE SUBSTANCES DANS DES FLUIDES CONTAMINES A L'AIDE D'UN MILIEU DE CROISSANCE BIOLOGIQUE NATUREL**
[72] CALHOUN, JASON, US
[71] RENEWABLE FIBERS LLC DBA RF WASTEWATER, LLC, US
[85] 2016-04-21
[86] 2014-10-21 (PCT/US2014/061607)
[87] (WO2015/061340)
[30] US (61/894,232) 2013-10-22

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[13] A1
[51] **Int.Cl. A61K 31/43 (2006.01) A61K 31/439 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES AGENTS ANTIBACTERIENS**
[72] BHAGWAT, SACHIN, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[71] WOCKHARDT LIMITED, IN
[85] 2016-04-21
[86] 2014-10-22 (PCT/IB2014/065523)
[87] (WO2015/063653)
[30] IN (3422/MUM/2013) 2013-10-30

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[13] A1
[51] **Int.Cl. H04B 13/02 (2006.01)**
[25] EN
[54] **EMISSION POWER CONTROLLED RADIO SIGNAL EMITTING NODE**
[54] **N□UD EMETTEUR DE SIGNAL RADIO A PUISSANCE D'EMISSION COMMANDEE**
[72] TIUSANEN, JOHANNES, FI
[71] SOIL SCOUT OY, FI
[85] 2016-04-21
[86] 2014-10-30 (PCT/IB2014/065712)
[87] (WO2015/063717)
[30] EP (13397535.9) 2013-11-01

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[13] A1
[51] **Int.Cl. H01B 11/10 (2006.01)**
[25] EN
[54] **IMPROVED HIGH PERFORMANCE DATA COMMUNICATIONS CABLE**
[54] **CABLE AMELIORE A HAUTES PERFORMANCES POUR COMMUNICATIONS DE DONNEES**
[72] WEHRLI, ANDREW JOHN, US
[72] CLARK, WILLIAM THOMAS, US
[72] GAREIS, GALEN MARK, US
[72] BRENNEKE, DOUGLAS DAVID, US
[71] BELDEN INC., US
[85] 2016-04-21
[86] 2014-10-21 (PCT/US2014/061618)
[87] (WO2015/061346)
[30] US (61/894,728) 2013-10-23

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[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR NAVIGATING A BIOPSY TOOL TO A TARGET LOCATION AND OBTAINING A TISSUE SAMPLE USING THE SAME**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR FAIRE NAVIGUER UN OUTIL DE BIOPSIE VERS UN EMPLACEMENT CIBLE ET OBTENIR UN ECHANTILLON DE TISSU A L'AIDE DE CES DERNIERS**
[72] COSTELLO, DAVID M., US
[72] CROWLEY, THOMAS P., US
[72] MAGNUSON, THOMAS D., US
[71] COVIDIEN LP, US
[85] 2016-04-21
[86] 2014-09-30 (PCT/US2014/058442)
[87] (WO2015/076936)
[30] US (61/906,771) 2013-11-20
[30] US (14/488,611) 2014-09-17

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[13] A1
[51] **Int.Cl. H05H 1/30 (2006.01) H01J 37/244 (2006.01) H01J 37/32 (2006.01) H05H 1/36 (2006.01)**
[25] EN
[54] **HYBRID GENERATORS AND METHODS OF USING THEM**
[54] **GENERATEURS HYBRIDES ET LEURS PROCEDES D'UTILISATION**
[72] CHEUNG, TAK SHUN, CA
[72] WONG, CHUI HA CINDY, CA
[71] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2016-04-21
[86] 2014-10-22 (PCT/US2014/061682)
[87] (WO2015/061391)
[30] US (61/894,560) 2013-10-23

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[13] A1
[51] **Int.Cl. G01S 1/08 (2006.01) G01S 11/06 (2006.01) G01S 5/14 (2006.01)**
[25] EN
[54] **POSITIONING SYSTEM WITH WIRELESS BEACONS THAT VARY TRANSMISSION POWER LEVELS**
[54] **SYSTEME DE POSITIONNEMENT A BALISES SANS FIL QUI FONT VARIER LES NIVEAUX DE PUISSANCE D'EMISSION**
[72] BUSCH-SORENSEN, THOMAS, US
[72] PRADIP, MISTRY, US
[71] CUBIC CORPORATION, US
[85] 2016-04-21
[86] 2014-10-27 (PCT/US2014/062437)
[87] (WO2015/061785)
[30] US (61/895,949) 2013-10-25
[30] US (14/524,595) 2014-10-27

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[13] A1
[51] **Int.Cl. F24F 7/06 (2006.01) F24F 3/16 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **POSITIVE PRESSURE AIRFLOW BLOWER POWERED FILTRATION DEVICE**
[54] **DISPOSITIF DE FILTRATION ALIMENTE PAR UNE SOUFFLEUSE D'AIR A PRESSION POSITIVE**
[72] HASLEBACHER, WILLIAM J., US
[72] FERRIS, FRANK, US
[72] BLUM, WILLIAM G., US
[71] HASLEBACHER, WILLIAM J., US
[71] FERRIS, FRANK, US
[71] BLUM, WILLIAM G., US
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[87] (WO2015/061791)
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[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR NAVIGATING A BIOPSY TOOL TO A TARGET LOCATION AND OBTAINING A TISSUE SAMPLE USING THE SAME**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR LA NAVIGATION D'UN OUTIL DE BIOPSIE VERS UN EMPLACEMENT CIBLE ET L'OBTENTION D'UN ECHANTILLON DE TISSU A L'AIDE DE CEUX-CI**
[72] COSTELLO, DAVID M., US
[72] CROWLEY, THOMAS P., US
[72] MAGNUSON, THOMAS D., US
[71] COVIDIEN LP, US
[85] 2016-04-21
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[87] (WO2015/076937)
[30] US (61/906,762) 2013-11-20
[30] US (14/488,754) 2014-09-17

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[51] **Int.Cl. C10L 5/00 (2006.01)**
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[54] **METHOD FOR PRODUCING ASHLESS COAL**
[54] **PROCEDE POUR LA PRODUCTION DE CHARBON SANS CENDRE**
[72] KINOSHITA, SHIGERU, JP
[72] OKUYAMA, NORIYUKI, JP
[72] YOSHIDA, TAKUYA, JP
[72] SAKAI, KOJI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2016-04-21
[86] 2014-12-09 (PCT/JP2014/082579)
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[51] **Int.Cl. H04W 4/00 (2009.01)**
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[54] **COMMUNICATIONS PLATFORM**
[54] **PLATEFORME DE COMMUNICATIONS**
[72] ZOULIAS, GEORGE, US
[72] MADDEN, JOSHUA, US
[72] POWELL, KEVIN, US
[71] ARGENT LINE, LLC, US
[85] 2016-04-21
[86] 2014-10-01 (PCT/US2014/058647)
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[30] US (61/885,426) 2013-10-01

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[51] **Int.Cl. E21B 43/247 (2006.01) E21B 17/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DOWNHOLE COMMUNICATION**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION DE FOND**
[72] WOOD, EDWARD T., US
[72] HOLMES, KEVIN C., US
[72] MILLS, AUBREY C., US
[71] BAKER HUGHES INCORPORATED, US
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[86] 2014-10-03 (PCT/US2014/058994)
[87] (WO2015/069396)
[30] US (61/901,135) 2013-11-07

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[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **A FIBER OPTIC MOUNTING ARRANGEMENT AND METHOD OF COUPLING OPTICAL FIBER TO A TUBULAR**
[54] **AGENCEMENT DE MONTAGE D'UNE FIBRE OPTIQUE, ET PROCEDE DE COUPLAGE D'UNE FIBRE OPTIQUE A UN ELEMENT TUBULAIRE**
[72] STOESZ, CARL W., US
[72] MURRAY, DOUGLAS J., US
[72] CRAIG, DAVID O., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-04-21
[86] 2014-10-03 (PCT/US2014/059004)
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[51] **Int.Cl. G06K 7/00 (2006.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR PRODUCING AN APPROPRIATE QUANTITY OF RFID READS**
[54] **APPAREIL ET PROCEDE POUR PRODUIRE UNE QUANTITE APPROPRIEE DE LECTURES RFID**
[72] BELLOWS, DAVID E., US
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2016-04-21
[86] 2014-10-08 (PCT/US2014/059656)
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[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/50 (2014.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR MULTI-PASS ADAPTIVE QUANTIZATION**
[54] **PROCEDES ET APPAREILS POUR UNE QUANTIFICATION ADAPTATIVE A PASSAGES MULTIPLES**
[72] PEARSON, ERIC C., CA
[72] NOVOTNY, PAVEL, CA
[71] MAGNUM SEMICONDUCTOR, INC., US
[85] 2016-04-21
[86] 2014-10-08 (PCT/US2014/059661)
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[51] **Int.Cl. C03C 27/12 (2006.01) B32B 17/10 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **INTERLAYER FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
[72] IWAMOTO, TATSUYA, JP
[72] UCHIMURA, YUJI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[51] **Int.Cl. C12Q 1/68 (2006.01) C12M 1/36 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR POINT-OF-CARE NUCLEIC ACID AMPLIFICATION AND DETECTION**
[54] **PROCEDES ET APPAREIL PERMETTANT L'AMPLIFICATION ET LA DETECTION D'ACIDES NUCLEIQUES AU POINT D'INTERVENTION**
[72] BEARINGER, JANE P., US
[72] CASTANON, SCOTT, US
[72] MICHLITSCH, KENNETH J., US
[71] CORPOROS INC., US
[85] 2016-04-21
[86] 2014-10-22 (PCT/US2014/061808)
[87] (WO2015/061480)
[30] US (61/894,392) 2013-10-22
[30] US (14/262,683) 2014-04-25

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[51] **Int.Cl. A61K 38/02 (2006.01) A61K 9/10 (2006.01) A61K 47/48 (2006.01) A61P 5/02 (2006.01)**
[25] EN
[54] **CONJUGATES OF SOMATOSTATIN AND ITS ANALOGS**
[54] **CONJUGUES DE SOMATOSTATINE ET DE SES ANALOGUES**
[72] SCHNEIDER, ERIC L., US
[72] HEARN, BRIAN, US
[72] ASHLEY, GARY, US
[72] SANTI, DANIEL V., US
[71] PROLYNX LLC, US
[85] 2016-04-21
[86] 2014-10-22 (PCT/US2014/061844)
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[13] A1
[51] **Int.Cl. F42B 6/08 (2006.01)**
[25] EN
[54] **EXPANDABLE BROADHEAD**
[54] **POINTE DE FLECHE A TETE LARGE ET EXTENSIBLE**
[72] PEDERSEN, WILLIAM E., US
[71] OUT RAGE, LLC, US
[85] 2016-04-21
[86] 2014-12-12 (PCT/US2014/070069)
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[25] EN
[54] **LASER RANGEFINDER WITH IMPROVED DISPLAY**
[54] **TELEMETRE A LASER A AFFICHAGE AMELIORE**
[72] HAMILTON, DAVID M., US
[71] SHELTERED WINGS, INC., US
[85] 2016-02-22
[86] 2014-08-21 (PCT/US2014/052161)
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[25] EN
[54] **TEMPERATURE SENSOR FOR RETAIL ENVIRONMENTS**
[54] **CAPTEUR DE TEMPERATURE POUR DES ENVIRONNEMENTS DE VENTE AU DETAIL**
[72] HOBLIT, T. DOUGLAS, US
[72] HABER, RICHARD C., US
[71] TAGNETICS, INC., US
[85] 2016-04-21
[86] 2014-10-22 (PCT/US2014/061741)
[87] (WO2015/061429)
[30] US (61/894,032) 2013-10-22
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[30] US (14/262,927) 2014-04-28
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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 38/00 (2006.01) C07K 7/06 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **PIF-TRANSFECTED CELLS AND METHODS OF USE**
[54] **CELLULES TRANSFECTEES PAR UN PIF ET PROCEDES D'UTILISATION**
[72] BARNEA, EYTAN R., US
[72] HAYRABEDYAN, SOREN BOHOS, BG
[71] BIOINCEPT, LLC, US
[85] 2016-04-21
[86] 2014-10-22 (PCT/US2014/061814)
[87] (WO2015/061483)
[30] US (61/894,274) 2013-10-22
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[25] EN
[54] **SINGLE TRIP CEMENT THRU OPEN HOLE WHIPSTOCK**
[54] **SIFFLET DEVIATEUR POUR CIMENTATION PAR UN TROU DECOUVERT EN UN SEUL VOYAGE**
[72] VINCENT, RAY, US
[72] TONTI, NICHOLAS, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-04-21
[86] 2014-10-23 (PCT/US2014/061897)
[87] (WO2015/069463)
[30] US (14/073,238) 2013-11-06

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[51] **Int.Cl. A61B 1/00 (2006.01) A61B 5/107 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR MEASURING ANATOMIC REGIONS**
[54] **DISPOSITIFS ET PROCEDES DE MESURE DE REGIONS ANATOMIQUES**
[72] MULUMUDI, SUMAN K., US
[72] MULUMUDI, MAHESH S., US
[71] MULUMUDI, SUMAN K., US
[71] MULUMUDI, MAHESH S., US
[85] 2016-04-21
[86] 2014-10-23 (PCT/US2014/062063)
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[25] EN
[54] **COMPACT, MULTI-PORT, MIMO ANTENNA WITH HIGH PORT ISOLATION AND LOW PATTERN CORRELATION AND METHOD OF MAKING SAME**
[54] **ANTENNE MIMO COMPACTE MULTIPORT A FORTE ISOLATION DES PORTS ET FAIBLE CORRELATION DES DIAGRAMMES, ET SON PROCEDE DE FABRICATION**
[72] BIT-BABIK, GIORGI,, US
[72] FARAONE, ANTONIO,, US
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2016-04-21
[86] 2014-10-24 (PCT/US2014/062162)
[87] (WO2015/069473)
[30] US (14/073,177) 2013-11-06

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[51] **Int.Cl. A01N 65/00 (2009.01) A23B 7/10 (2006.01)**
[25] EN
[54] **CROSS REFERENCE TO RELATED APPLICATIONS**
[54] **COMPOSITION DE COMPLEMENT ALIMENTAIRE**
[72] SANDS, LENNY, US
[72] HAYNES, KRISTA, US
[72] DEMATTIA, ELYNN, US
[71] CAPBRAN HOLDINGS, LLC, US
[85] 2016-04-21
[86] 2014-12-12 (PCT/US2014/070168)
[87] (WO2015/089482)
[30] US (61/915,457) 2013-12-12
[30] US (14/569,483) 2014-12-12

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[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/328 (2014.01) B42D 25/373 (2014.01)**
[25] EN
[54] **COLD-WORKED METAL ARTICLES INCLUDING LUMINESCENT PHOSPHOR PARTICLES, METHODS OF FORMING THE SAME, AND METHODS OF AUTHENTICATING THE SAME**
[54] **ARTICLES DE METAL ECROUI A FROID COMPRENANT DES PARTICULES DE PHOSPHORE LUMINESCENTES, LEURS PROCEDES DE FORMATION, ET LEURS PROCEDES D'AUTHENTIFICATION**
[72] RAPOPORT, WILLIAM ROSS, US
[72] KANE, JAMES, US
[72] LAU, CARSTEN, US
[71] HONEYWELL INTERNATIONAL INC., US
[71] THE ROYAL MINT LIMITED, GB
[85] 2016-04-21
[86] 2014-10-28 (PCT/US2014/062518)
[87] (WO2015/065939)
[30] US (61/956,179) 2013-10-28
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[54] **ELECTRICAL GROUNDING ARM**
[54] **BRAS DE MISE ELECTRIQUE A LA TERRE**
[72] JONES, MICHAEL R., US
[72] WOILER, CHRISTOPHER A., US
[72] DUNHAM, DEAN, US
[71] KEY TECHNOLOGY, INC., US
[85] 2016-04-21
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[87] (WO2015/199831)
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[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/136 (2006.01) A61K 31/4045 (2006.01) A61K 31/4184 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **NOVEL TREATMENTS FOR ATTENTION AND COGNITIVE DISORDERS, AND FOR DEMENTIA ASSOCIATED WITH A NEURODEGENERATIVE DISORDER**
[54] **NOUVEAUX TRAITEMENTS POUR TROUBLES COGNITIFS ET DE L'ATTENTION, ET POUR UNE DEMENCE ASSOCIEE A UN TROUBLE NEURODEGENERATIF**
[72] KORTAGERE, SANDHYA, US
[71] DREXEL UNIVERSITY, US
[85] 2016-04-21
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[30] US (61/896,173) 2013-10-28

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[51] **Int.Cl. H04B 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROGRAMMING, CONTROLLING AND MONITORING WIRELESS NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR PROGRAMMER, COMMANDER ET SURVEILLER DES RESEAUX SANS FIL**
[72] LI, SOL MINGSO, US
[71] LI, SOL MINGSO, US
[85] 2016-03-15
[86] 2014-09-26 (PCT/US2014/057880)
[87] (WO2015/050796)
[30] US (61/887,321) 2013-10-04
[30] US (14/497,248) 2014-09-25

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[51] **Int.Cl. G02B 19/00 (2006.01) F21V 5/04 (2006.01)**
[25] EN
[54] **LAMP HAVING LENS ELEMENT FOR DISTRIBUTING LIGHT**
[54] **LAMPE PRESENTANT UN ELEMENT DE LENTILLE DESTINE A LA DISTRIBUTION DE LUMIERE**
[72] CHINNIAH, JEYACHANDRABOSE, US
[72] CLYNNE, THOMAS, US
[72] JACOB, CHERIAN, US
[72] YODER, BENJAMIN LEE, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2016-04-21
[86] 2014-10-29 (PCT/US2014/062804)
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[51] **Int.Cl. B65D 5/18 (2006.01) B65D 5/36 (2006.01)**
[25] EN
[54] **CONTAINER APPARATUS**
[54] **CONTENANT**
[72] SKINNER, LESLIE JOHN, AU
[71] ICEE HOLDINGS PTY. LTD., AU
[85] 2016-04-22
[86] 2014-10-24 (PCT/AU2014/001004)
[87] (WO2015/058246)
[30] AU (2013904133) 2013-10-25
[30] AU (2014901686) 2014-05-07

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[13] A1
[51] **Int.Cl. A61B 17/08 (2006.01)**
[25] EN
[54] **CLOSURE SYSTEM FOR ATRIAL WALL**
[54] **SYSTEME DE FERMETURE POUR PAROI AURICULAIRE**
[72] DE CANNIERE, DIDIER, US
[72] DUY, KHANH TRAN, BE
[71] CORQUEST MEDICAL, INC., US
[85] 2016-04-21
[86] 2014-10-29 (PCT/US2014/062856)
[87] (WO2015/066150)
[30] US (14/065,613) 2013-10-29

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[51] **Int.Cl. C11D 1/645 (2006.01) C11D 1/62 (2006.01) C11D 3/00 (2006.01)**
[25] EN
[54] **FABRIC SOFTENER COMPOSITION**
[54] **COMPOSITION D'ASSOUPLISSANT POUR TEXTILE**
[72] VAES, DRIES, BE
[72] MACLEOD, NEIL ANDREW, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-04-21
[86] 2014-10-31 (PCT/US2014/063273)
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[30] US (61/904,465) 2013-11-15

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[51] **Int.Cl. G06F 3/01 (2006.01) G01D 21/00 (2006.01) G06F 3/038 (2013.01)**
[25] EN
[54] **SENSOR DATA TIME ALIGNMENT**
[54] **ALIGNEMENT DE TEMPS DE DONNEES DE CAPTEUR**
[72] SESHAN, NATARAJAN KURIAN, US
[72] SAVELL, TOM, US
[71] MICROSOFT TECHOLOGY LICENSING, LLC, US
[85] 2016-04-21
[86] 2014-11-03 (PCT/US2014/063611)
[87] (WO2015/066578)
[30] US (61/899,259) 2013-11-03
[30] US (14/275,556) 2014-05-12

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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL PREPARATION AND METHOD OF ITS PRODUCTION AND USE**
[54] **PREPARATION PHARMACEUTIQUE ET SON PROCEDE DE PRODUCTION ET D'UTILISATION**
[72] CHEPLIAKA, OLEKSII, CH
[72] GERASHCHENKO, IGOR, CH
[71] CHEPLIAKA, OLEKSII, CH
[71] INVENRES GMBH, CH
[71] GERASHCHENKO, IGOR, CH
[85] 2016-04-13
[86] 2014-11-04 (PCT/EP2014/073698)
[87] (WO2015/067603)
[30] EP (13191810.4) 2013-11-06

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **PACKAGED CONSUMER PRODUCT**
[54] **PRODUIT EMBALLE DE CONSOMMATION**
[72] ALLEN, MATTHEW RICHARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-04-21
[86] 2014-11-03 (PCT/US2014/063639)
[87] (WO2015/077008)
[30] US (61/907,423) 2013-11-22

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[13] A1
[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **MONETIZING EMPTY LEGS ON TRANSPORTATION MODES**
[54] **MONETISATION DE TRAJETS A VIDE DANS DES MODES DE TRANSPORT**
[72] TURNER, CYRIL JOHN, US
[72] DALY, JOHN JOSEPH, US
[72] BEVIS, REXFORD MARTIN, US
[72] BLETTNER, BRADLEY TRENT, US
[72] MCCOOL, SCOTT WALTER, US
[72] HERRMANN, SCOTT, US
[72] FURNISH, JOHN JAMES, US
[72] MURRAY, JAMES CRAWFORD, III, US
[71] DELTA AIR LINES, INC., US
[85] 2016-04-21
[86] 2014-11-05 (PCT/US2014/064059)
[87] (WO2015/069720)
[30] US (61/900,328) 2013-11-05
[30] US (14/533,368) 2014-11-05

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **USE OF CYSTEAMINE AND DERIVATIVES THEREOF TO TREAT MITOCHONDRIAL DISEASES**
[54] **UTILISATION DE LA CYSTEAMINE ET DE SES DERIVES POUR TRAITER DES MALADIES MITOCHONDRIALES**
[72] RIOUX, PATRICE, US
[72] ZANKEL, TODD C., US
[71] RAPTOR PHARMACEUTICALS INC., US
[85] 2016-04-21
[86] 2014-11-06 (PCT/US2014/064336)
[87] (WO2015/069888)
[30] US (61/900,772) 2013-11-06

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[13] A1
[51] **Int.Cl. A61K 36/53 (2006.01) A61K 8/97 (2006.01) A61P 17/14 (2006.01)**
[25] EN
[54] **USE OF A VEGETAL EXTRACT FOR THE PREVENTION AND TREATMENT OF HAIR LOSS**
[54] **UTILISATION D'UN EXTRAIT VEGETAL POUR LA PREVENTION ET LE TRAITEMENT DE LA CHUTE DES CHEVEUX**
[72] GIULIANI, GIAMMARIA, IT
[72] BENEDUSI, ANNA, IT
[72] MARZANI, BARBARA, IT
[71] GIULIANI S.P.A., IT
[85] 2016-04-21
[86] 2014-10-28 (PCT/IB2014/065655)
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[30] IT (MI2013A001792) 2013-10-28

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 21/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SWITCH BETWEEN REDUNDANT CONTROL SYSTEMS FOR A SUBSURFACE SAFETY VALVE**
[54] **PERMUTATION ENTRE DES SYSTEMES DE COMMANDE REDONDANTS POUR UNE SOUPAPE DE SURETE DE SUBSURFACE**
[72] JONES, BRETT C., US
[72] KUCERA, SAMUEL C., US
[72] HAIR, MICHAEL L., US
[72] BEALL, CLIFFORD H., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-04-21
[86] 2014-11-07 (PCT/US2014/064634)
[87] (WO2015/073326)
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[51] **Int.Cl. H04W 4/02 (2009.01) H04W 16/14 (2009.01) H04W 72/04 (2009.01)**
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[54] **RADIO CHANNEL UTILIZATION**
[54] **UTILISATION DE CANAL RADIO**
[72] GARNETT, PAUL W., US
[72] HASSAN, AMER A., US
[72] MITCHELL, PAUL W.A., US
[72] YAN, JEFFREY Z., US
[71] MICROSOFT TECHOLOGY LICENSING, LLC, US
[85] 2016-04-21
[86] 2014-11-10 (PCT/US2014/064716)
[87] (WO2015/073339)
[30] US (14/079,391) 2013-11-13

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[13] A1
[51] **Int.Cl. F17C 1/00 (2006.01) B29B 11/14 (2006.01) B29C 49/06 (2006.01)**
[25] EN
[54] **HIGH-PRESSURE COMPOSITE VESSEL AND THE METHOD OF MANUFACTURING HIGH-PRESSURE COMPOSITE VESSEL**
[54] **ENCEINTE COMPOSITE A HAUTE PRESSION ET PROCEDE DE FABRICATION D'UNE ENCEINTE COMPOSITE A HAUTE PRESSION**
[72] SAFERNA, ADAM, PL
[72] SAFERNA DAWID, PL
[71] TECHPLAST SPOLKA Z O.O., PL
[85] 2016-04-21
[86] 2015-01-05 (PCT/PL2015/000001)
[87] (WO2015/108429)
[30] PL (P.406846) 2014-01-15

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[51] **Int.Cl. A61N 1/20 (2006.01) A61N 1/10 (2006.01) A61N 1/32 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **METHOD FOR TREATMENT OF ARTHROSIS, ELECTRET IMPLANT, BUSHING FOR ITS PLACING AND REMOVAL FROM BONE**
[54] **PROCEDE DE TRAITEMENT DE L'ARTHROSE, IMPLANT A ELECTRET, MANCHON POUR SON PLACEMENT ET SON RETRAIT DANS UN OS**
[72] HOMUTOV, VICTOR PAVLOVICH, RU
[72] MORGUNOV, MIKHAIL SAMUILOVICH, RU
[71] LIMITED LIABILITY COMPANY "MEDEL", RU
[85] 2016-04-21
[86] 2014-07-11 (PCT/RU2014/000511)
[87] (WO2015/076698)
[30] RU (2013151988) 2013-11-21

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[13] A1
[51] **Int.Cl. F23D 14/26 (2006.01) F23D 11/10 (2006.01)**
[25] EN
[54] **COMBUSTION SYSTEM WITH FLAME LOCATION ACTUATION**
[54] **SYSTEME DE COMBUSTION AVEC COMMANDE DE POSITION DE FLAMME**
[72] KARKOW, DOUGLAS W., US
[72] COLANNINO, JOSEPH, US
[72] KRICHTAFOVITCH, IGOR A., US
[72] BREIDENTHAL, ROBERT E., US
[72] WIKLOF, CHRISTOPHER A., US
[71] CLEARSIGN COMBUSTION CORPORATION, US
[85] 2016-04-21
[86] 2014-11-10 (PCT/US2014/064892)
[87] (WO2015/070188)
[30] US (61/901,746) 2013-11-08

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[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) A61B 5/02 (2006.01) A61J 1/00 (2006.01) A61K 35/34 (2015.01) A61M 1/00 (2006.01)**
[25] EN
[54] **AN AFTERLOAD DEVICE FOR A BEATING HEART DURING EXAMINATION THEREOF**
[54] **DISPOSITIF DE POSTCHARGE POUR UN C□UR BATTANT PENDANT L'EXAMEN DE CELUI-CI**
[72] STEEN, STIG, SE
[72] PASKEVICIUS, AUDRIUS, SE
[72] KING, BENJAMIN, NZ
[71] VIVOLINE MEDICAL AB, SE
[85] 2016-04-21
[86] 2014-10-24 (PCT/SE2014/000127)
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[30] SE (SE 1330132-0) 2013-10-24

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR UPDATING AN ENCRYPTION KEY ACROSS A NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT DE METTRE A JOUR UNE CLE DE CHIFFREMENT DANS UN RESEAU**
[72] DEMETER, MICHAEL, US
[72] CHASKO, STEPHEN, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2016-04-21
[86] 2014-11-11 (PCT/US2014/064989)
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[30] US (61/904,829) 2013-11-15

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[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **USER SUPPORT EXPERIENCE WITH AUTOMATICALLY GENERATED VIRTUAL ENVIRONMENT**
[54] **EXPERIENCE DE PRISE EN CHARGE D'UTILISATEUR AVEC UN ENVIRONNEMENT VIRTUEL GENERE AUTOMATIQUEMENT**
[72] THOMAS, SATISH, US
[72] ZHANG, YI, US
[72] CHOWDHURY, MURTAZA, US
[72] SRINIVASAN, SRIDHAR, US
[72] HOWARD, JOHN HAL, US
[71] MICROSOFT TECHOLOGY LICENSING, LLC, US
[85] 2016-04-21
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[51] **Int.Cl. G09B 23/28 (2006.01)**
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[54] **SYSTEM FOR INJECTION TRAINING**
[54] **SYSTEME D'ENTRAINEMENT A L'INJECTION**
[72] RIOS, GABRIELLE A., US
[72] MISHELEVICH, DAVID J., US
[72] CROCKETT, JEFF, US
[72] FOSTER, CLARK B., US
[72] TRCKA, MILAN, US
[72] GIFFORD, AARON, J., US
[72] LUDOLPH, CHRIS C., US
[71] TRUINJECT MEDICAL CORP., US
[85] 2016-04-21
[86] 2013-10-29 (PCT/US2013/067352)
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[30] US (61/720,046) 2012-10-30
[30] US (61/784,239) 2013-03-14
[30] US (61/814,766) 2013-04-22
[30] US (61/826,899) 2013-05-23

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[51] **Int.Cl. H02K 1/22 (2006.01) H02K 1/24 (2006.01) H02K 1/28 (2006.01)**
[25] EN
[54] **ROTOR ASSEMBLY FOR AN ELECTRIC MACHINE**
[54] **ENSEMBLE ROTOR POUR UNE MACHINE ELECTRIQUE**
[72] HUANG, HAO, US
[72] JIA, XIAOCHUAN, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2016-04-21
[86] 2013-11-04 (PCT/US2013/068299)
[87] (WO2015/034544)
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[51] **Int.Cl. C40B 30/08 (2006.01) C12N 9/12 (2006.01) C40B 20/00 (2006.01)**
[25] EN
[54] **BIOMARKER FOR MELK ACTIVITY AND METHODS OF USING SAME**
[54] **BIOMARQUEUR DE L'ACTIVITE DE MELK ET SES PROCEDES D'UTILISATION**
[72] ZHAO, JEAN, US
[72] WANG, YUBAO, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2016-04-21
[86] 2014-11-12 (PCT/US2014/065173)
[87] (WO2015/073509)
[30] US (61/902,877) 2013-11-12
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[51] **Int.Cl. H02K 1/32 (2006.01) H02K 1/24 (2006.01)**
[25] EN
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[54] **ENSEMBLE ROTOR POUR UNE MACHINE ELECTRIQUE**
[72] HUANG, HAO, US
[72] JIA, XIAOCHUAN, US
[72] ZYWOT, JAN, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2016-04-21
[86] 2013-11-04 (PCT/US2013/068307)
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[30] US (PCT/US2013/058424) 2013-09-06

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[51] **Int.Cl. B32B 9/06 (2006.01) B32B 29/02 (2006.01) D21F 1/10 (2006.01) D21H 15/00 (2006.01) D21H 27/30 (2006.01)**
[25] EN
[54] **SOFT, ABSORBENT SHEETS HAVING HIGH ABSORBENCY AND HIGH CALIPER, AND METHODS OF MAKING SOFT, ABSORBENT SHEETS**
[54] **FEUILLES ABSORBANTES DOUCES PRESENTANT UNE ABSORBANCE ET UNE EPAISSEUR SUPERIEURES, ET PROCEDES DE FABRICATION DE FEUILLES ABSORBANTES DOUCES**
[72] CHOU, HUNG LIANG, US
[72] SZE, DANIEL H., US
[72] FAN, XIAOLIN, US
[72] HARPER, FRANK D., US
[72] OLSON, STEVEN R., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2016-04-21
[86] 2014-11-14 (PCT/US2014/065763)
[87] (WO2015/073863)
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[51] **Int.Cl. E21B 3/02 (2006.01) E21B 4/02 (2006.01) E21B 15/00 (2006.01)**
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[54] **ROTARY STEERABLE DRILLING SYSTEM**
[54] **SYSTEME DE FORAGE ORIENTABLE ROTATIF**
[72] WINSLOW, DANIEL MARTIN, US
[72] DEOLALIKAR, NEELESH V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **NOVEL DGAT2 INHIBITORS**
[54] **NOUVEAUX INHIBITEURS DE LA DGAT2**
[72] CAMP, NICHOLAS PAUL, US
[72] NAIK, MANISHA, US
[71] ELI LILLY AND COMPANY, US
[85] 2016-04-21
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[30] US (61/908,339) 2013-11-25

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[25] EN
[54] **NUTATING FLUID-MECHANICAL ENERGY CONVERTER**
[54] **CONVERTISSEUR D'ENERGIE MECANIQUE A FLUIDE EN NUTATION**
[72] MEHTA, KRUNAL KANUBHAI, SG
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[72] RAWOOL, AMITKUMAR SURESH, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-21
[86] 2013-11-25 (PCT/US2013/071739)
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[51] **Int.Cl. G01L 19/06 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **AUTOMATIC DETECTION AND ADJUSTMENT OF A PRESSURE POD DIAPHRAGM**
[54] **DETECTION ET REGLAGE AUTOMATIQUES D'UNE MEMBRANE DE COQUE DE PRESSION**
[72] CRNKOVICH, MARTIN, US
[72] TANENBAUM, LEE, US
[72] KOTSOS, MICHAEL EMMANUEL, US
[72] WANG, FEI, US
[72] BROWN, ALEX, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2016-04-21
[86] 2014-11-25 (PCT/US2014/067200)
[87] (WO2015/099932)
[30] US (14/139,061) 2013-12-23

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/03 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **TREATMENT OF SILICEOUS MATERIALS USING CATECHOL AND AMINES IN SUBTERRANEAN APPLICATIONS**
[54] **TRAITEMENT DE MATIERES SILICEUSES A L'AIDE DE CATECHOL ET D'AMINES DANS DES APPLICATIONS SOUTERRAINES**
[72] MCDANIEL, CATO RUSSELL, US
[72] JAMISON, DALE E., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-21
[86] 2013-12-06 (PCT/US2013/073528)
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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **COMBINING USER PROFILE INFORMATION MAINTAINED BY VARIOUS SOCIAL NETWORKING SYSTEMS**
[54] **COMBINAISON D'INFORMATIONS DE PROFIL UTILISATEUR CONSERVE PAR DIVERS SYSTEMES DE RESEAUTAGE SOCIAL**
[72] KANTER, JEFFREY ANDREW, US
[72] DAVENPORT, BENJAMIN PETER, US
[72] FRIGGERI, ADRIEN THOMAS, US
[71] FACEBOOK, INC., US
[85] 2016-04-21
[86] 2014-12-03 (PCT/US2014/068303)
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[51] **Int.Cl. E04B 1/02 (2006.01) B28B 1/00 (2006.01) B28B 7/22 (2006.01) B29C 47/04 (2006.01) B29C 47/06 (2006.01) B29C 47/92 (2006.01) B29C 67/00 (2006.01) B32B 1/00 (2006.01) B32B 7/00 (2006.01) B32B 13/00 (2006.01) B32B 27/00 (2006.01) B32B 37/14 (2006.01) E04B 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR FABRICATING AN OBJECT**
[54] **PROCEDE DE FABRICATION D'UN OBJET**
[72] GARDINER, JAMES BRUCE, AU
[71] LAING O'ROURKE AUSTRALIA PTY LIMITED, AU
[85] 2016-04-22
[86] 2014-10-30 (PCT/AU2014/050324)
[87] (WO2015/061855)
[30] AU (2013904190) 2013-10-30

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[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PAYING FOR WEB CONTENT, VIRTUAL GOODS AND GOODS OF SMALL VALUE**
[54] **PROCEDE ET APPAREIL DE PAIEMENT POUR UN CONTENU WEB, DES MARCHANDISES VIRTUELLES ET DES MARCHANDISES DE FAIBLE VALEUR**
[72] CHOW, STANLEY, CA
[72] HOUGH, ROSS, CA
[71] MICROPEBBLES INC., CA
[85] 2016-04-22
[86] 2014-10-24 (PCT/CA2014/000758)
[87] (WO2015/058282)
[30] CA (2,830,855) 2013-10-25

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[13] A1
[51] **Int.Cl. B25J 5/00 (2006.01) B25J 19/00 (2006.01) E02F 3/00 (2006.01) G01M 13/00 (2006.01)**
[25] EN
[54] **WEAR ASSEMBLY REMOVAL AND INSTALLATION**
[54] **RETRAIT ET INSTALLATION D'ENSEMBLE D'USURE**
[72] CLARKE, ROD, AU
[72] CARPENTER, RYAN J., US
[72] CARPENTER, CHRISTOPHER M., US
[72] BEWLEY, ERIC L., US
[72] FINLEY, TAYLOR M., US
[72] BLOMBERG, JOSEPH E., US
[72] COWGILL, NOAH, US
[71] ESCO CORPORATION, US
[85] 2016-04-21
[86] 2014-10-20 (PCT/US2014/061425)
[87] (WO2015/061232)
[30] US (61/893,833) 2013-10-21

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[51] **Int.Cl. G01P 13/00 (2006.01) G06Q 20/36 (2012.01) G06Q 20/40 (2012.01) G06F 21/30 (2013.01) A61B 5/117 (2016.01) G06F 3/01 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR GENERATING SECURE ELECTRONIC AUTHENTICATION AND PAYMENT PROCESSING**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE GENERATION D'AUTHENTIFICATION ELECTRONIQUE SURE ET DE TRAITEMENT DE PAIEMENT**
[72] COOKE, LAURENCE, CA
[72] GALLO, MELISSA, CA
[72] MCGOUGH, HILTON, CA
[71] NANOPAY INC., CA
[85] 2016-04-22
[86] 2014-10-21 (PCT/CA2014/051019)
[87] (WO2015/058300)
[30] US (61/895,442) 2013-10-25

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[13] A1
[51] **Int.Cl. G11B 20/10 (2006.01) H03G 3/20 (2006.01) H04B 3/21 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DIGITAL SIGNAL PROCESSING**
[54] **SYSTEME ET METHODE DE TRAITEMENT NUMERIQUE DE SIGNAL**
[72] BONGIOVI, ANTHONY, US
[72] FULLER, PHILLIP, US
[72] ZELNIKER, GLENN, US
[71] BONGIOVI ACOUSTICS LLC, US
[85] 2016-04-21
[86] 2014-10-22 (PCT/US2014/061684)
[87] (WO2015/061393)
[30] US (14/059,669) 2013-10-22

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[13] A1
[51] **Int.Cl. C08C 19/00 (2006.01) B29B 17/04 (2006.01) C08J 3/18 (2006.01) C08J 11/04 (2006.01)**
[25] EN
[54] **AUTOMATIC DEVULCANIZING AND PLASTICIZING DEVICE AND METHOD FOR USING SAME**
[54] **DISPOSITIF AUTOMATIQUE DE DEVULCANISATION ET DE PLASTIFICATION ET SON PROCEDE D'UTILISATION**
[72] YUAN, QIANG (CHARLES), CA
[71] 6732667 MANITOBA INC., CA
[85] 2016-04-22
[86] 2014-10-23 (PCT/CA2014/051021)
[87] (WO2015/061895)
[30] US (61/896,892) 2013-10-29

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DERIVING, STORING, AND VISUALIZING A NUMERIC BASELINE FOR TIME-SERIES NUMERIC DATA WHICH CONSIDERS THE TIME, COINCIDENTAL EVENTS, AND RELEVANCE OF THE DATAPOINTS AS PART OF THE DERIVATION AND VISUALIZATION**
[54] **SYSTEMES ET PROCEDES POUR CALCULER, STOCKER ET VISUALISER UNE LIGNE DE BASE NUMERIQUE POUR DES DONNEES NUMERIQUES EN SERIE CHRONOLOGIQUE CONSIDERANT LE TEMPS, DES EVENEMENTS SIMULTANES ET UNE PERTINENCE DES POINTS DE DONNEES DANS LE CADRE DU CALCUL ET DE LA VISUALISATION**
[72] O'DONNELL, SHANE MICHAEL, US
[72] CUPITT, MAURICE BRYANT, US
[71] KNOW NORMAL, INC., US
[85] 2016-03-01
[86] 2014-09-04 (PCT/US2014/054145)
[87] (WO2015/035086)
[30] US (61/873,805) 2013-09-04

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[13] A1
[51] **Int.Cl. H04N 19/61 (2014.01)**
[25] EN
[54] **FEATURES OF INTRA BLOCK COPY PREDICTION MODE FOR VIDEO AND IMAGE CODING AND DECODING**
[54] **FONCTIONS DE MODE DE PREDICTION DE COPIE INTRABLOC POUR CODAGE ET DECODAGE VIDEO ET D'IMAGE**
[72] LI, BIN, CN
[72] XU, JIZHENG, CN
[72] SULLIVAN, GARY J., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-03-31
[86] 2013-10-14 (PCT/CN2013/085165)
[87] (WO2015/054811)

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[13] A1
[51] **Int.Cl. C12P 3/00 (2006.01) C12M 1/04 (2006.01) C12M 1/107 (2006.01) C12M 1/42 (2006.01) C12N 1/00 (2006.01) C12N 1/12 (2006.01) C12N 5/04 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **RECOVERING OFF-GAS FROM PHOTOBIOREACTOR**
[54] **RECUPERATION D'EFFLUENT GAZEUX D'UN PHOTOBIOREACTEUR**
[72] GONZALEZ, JAIME A., CA
[72] KOLESNIK, MAX, CA
[72] MARTIN, STEVEN C., CA
[71] POND BIOFUELS INC., CA
[85] 2016-04-22
[86] 2013-10-24 (PCT/CA2013/000908)
[87] (WO2014/063233)
[30] US (13/659,693) 2012-10-24

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[13] A1
[51] **Int.Cl. A62D 3/10 (2007.01) B09C 1/08 (2006.01) C02F 1/467 (2006.01) C02F 1/48 (2006.01) C02F 11/00 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **PROCESSES FOR INACTIVATING PATHOGENS IN BIO-WASTES**
[54] **PROCEDES D'INACTIVATION DE PATHOGENES DANS DES BIO-DECHETS**
[72] SAFAEI TAKHTEHFOULADI, ELHAM, CA
[72] ELEKTOROWICZ, MARIA, CA
[72] REIMERS, ROBERT S., US
[72] OLESZKIEWICZ, JAN, CA
[72] DAGHER, FADI, CA
[71] ATOMES FD INC., CA
[71] VALORBEC S.E.C., CA
[71] UNIVERSITY OF MANITOBA, CA
[71] TULANE UNIVERSITY, US
[85] 2016-04-22
[86] 2013-10-25 (PCT/CA2013/000924)
[87] (WO2014/063241)
[30] US (61/718,386) 2012-10-25

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[13] A1
[51] **Int.Cl. G06K 17/00 (2006.01) G06K 1/12 (2006.01) G06K 19/07 (2006.01) G07F 11/00 (2006.01) G07F 17/00 (2006.01)**
[25] EN
[54] **RFID TAG DISPENSER**
[54] **DISTRIBUTEUR D'ETIQUETTES RFID**
[72] BETTEZ, JEAN-SEBASTIEN, CA
[72] ASSENAT, RAPHAEL, CA
[71] 8D TECHNOLOGIES INC., CA
[85] 2016-04-22
[86] 2014-10-22 (PCT/CA2014/000750)
[87] (WO2015/058280)
[30] US (14/060,190) 2013-10-22

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[13] A1
[51] **Int.Cl. A47L 13/00 (2006.01) A47L 1/15 (2006.01) A47L 17/00 (2006.01)**
[25] EN
[54] **RECYCLABLE CLEANING ARTICLE**
[54] **ARTICLE DE NETTOYAGE RECYCLABLE**
[72] CLOUTIER, VERONIQUE, CA
[71] CLOUTIER, VERONIQUE, CA
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[54] **COMMANDE DE TEMPERATURE ACTIVE DE CAPTEUR AUTOMATIQUE ET SURVEILLANCE DE DEFAILLANCES DE TEMPERATURE**
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[72] SOLO, ASHU M., CA
[71] IMT PARTNERSHIP, CA
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[54] **METHOD AND DEVICE FOR DISTRIBUTING MULTIMEDIA LICENCES WITHIN A DISTRI BUTION SYSTEM OF A SECURED MULTIMEDIA SERVICE**
[54] **METHODE ET DISPOSITIF DE DISTRIBUTION DE LICENCES MULTIMEDIAS AU SEIN D'UN SYSTEME DE DISTRIBUTION D'UN SERVICE MULTIMEDIA SECURISE**
[72] LUGEON, BLAISE, CH
[72] BIEBER, YANN, CH
[71] NAGRAVISION S.A., CH
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[54] **PROCEDE ET DISPOSITIF POUR L'ANALYSE D'ETAT DE PNEUMATIQUE**
[72] TAYLOR, PAUL MICHAEL, GB
[72] BRADLEY, WILLIAM JAMES, GB
[72] BEEKER, WILLEM PAUL, GB
[72] CODD, ALEXANDER PAUL, GB
[71] WHEELRIGHT LIMITED, GB
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[54] **USE OF A POLYALKYLENE GLYCOL TO REDUCE FUEL CONSUMPTION**
[54] **UTILISATION D'UN POLYALKYLENE GLYCOL POUR REDUIRE LA CONSOMMATION DE CARBURANT**
[72] VOLKEL, LUDWIG, DE
[72] HANSCH, MARKUS, DE
[72] HAYDEN, THOMAS, US
[72] WALTER, MARC, DE
[72] KASHANI-SHIRAZI, NAWID, DE
[72] WEISS, THOMAS, DE
[71] BASF SE, DE
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[54] **MATERIAUX ET PROCEDES DE DIAGNOSTIC ET DE PRONOSTIC D'UN CANCER DU FOIE**
[72] WARD, MALCOLM ANDREW, GB
[72] PIKE, IAN HUGO, GB
[72] BRITTON, DAVID JAMES, GB
[72] MITRA, VIKRAM, GB
[72] HEATON, NIGEL DAVID, GB
[72] ZEN, YOH, GB
[72] QUAGLIA, ALBERTO, GB
[71] ELECTROPHORETICS LIMITED, GB
[71] KING'S COLLEGE HOSPITAL NHS FOUNDATION TRUST, GB
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[54] **SIRNA AND THEIR USE IN METHODS AND COMPOSITIONS FOR INHIBITING THE EXPRESSION OF THE FLAP GENE**
[54] **ARNSI ET LEUR UTILISATION DANS DES PROCEDES ET DES COMPOSITIONS POUR INHIBER L'EXPRESSION DU GENE FLAP**
[72] JIMENEZ, ANA ISABEL, ES
[72] PANEDA, COVADONGA, ES
[72] MARTINEZ, TAMARA, ES
[71] SYLENTIS SAU, ES
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[54] **TAPELINE AND BLOCKING MEMBER FOR TAPE END**
[54] **METRE A RUBAN ET PIECE D'ARRET POUR PARTIE D'EXTREMITE DE REGLE**
[72] CHI, XIAOHENG, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
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[54] **SIRNA AND THEIR USE IN METHODS AND COMPOSITIONS FOR INHIBITING THE EXPRESSION OF THE ORAI1 GENE**
[54] **ARNSI ET LEUR UTILISATION DANS DES PROCEDES ET DES COMPOSITIONS POUR INHIBER L'EXPRESSION DU GENE ORAI1**
[72] JIMENEZ, ANA ISABEL, ES
[72] PANEDA, COVADONGA, ES
[72] MARTINEZ, TAMARA, ES
[71] SYLENTIS SAU, ES
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[54] **SIRNA AND THEIR USE IN METHODS AND COMPOSITIONS FOR INHIBITING THE EXPRESSION OF THE PDK1 GENE**
[54] **ARNSI ET LEUR UTILISATION DANS DES PROCEDES ET DES COMPOSITIONS POUR INHIBER L'EXPRESSION DU GENE PDK1**
[72] JIMENEZ, ANA ISABEL, ES
[72] PANEDA, COVADONGA, ES
[72] MARTINEZ, TAMARA, ES
[71] SYLENTIS SAU, ES
[85] 2016-04-22
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[54] **DUST COLLECTOR FOR CLEANER AND CLEANER HAVING THE SAME**
[54] **COLLECTEUR DE POUSSIERES POUR DISPOSITIF DE NETTOYAGE ET DISPOSITIF DE NETTOYAGE COMPRENANT CELUI-CI**
[72] GUI, KANG, CN
[72] ZHANG, QI, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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[54] **APTAMERES ET LEURS UTILISATIONS**
[72] HALBERT, DAVID, US
[72] DOMENYUK, VALERIY, US
[72] SPETZLER, DAVID, US
[72] HORNUNG, TASSILO, US
[72] SCHAFER, FRANK, DE
[72] XIAO, NICK, US
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[54] **AUTOMATIC FECAL OCCULT BLOOD DETECTOR**
[54] **DISPOSITIF DE DETECTION DE SANG OCCULTE FECAL AUTOMATIQUE**
[72] WAN, JOHN, CN
[72] ZHANG, YUNFEI, CN
[72] LIU, JIE, CN
[72] XIA, QINGHAI, CN
[71] W.H.P.M. BIORESEARCH AND TECHNOLOGY CO., LTD., CN
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[54] **POUSSEE A SIMPLE ACTION A DES FINS DE RACCORDEMENT D'UN RACCORD DE CONDUIT**
[72] MCCLURE, DOUGLAS J., US
[72] CLASON, MARK R., US
[72] WILLIAMS, PETER C., US
[72] BROWN, CAL R., US
[72] CAMPBELL, RONALD P., US
[72] WELCH, DOUGLAS S., US
[71] SWAGELOK COMPANY, US
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[54] **HEAP LEACHING OF COPPER**
[54] **LIXIVIATION EN TAS DE CUIVRE**
[72] RAUTENBACH, GEORGE FREDERICK, CL
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[25] EN
[54] **PARTIAL DISCHARGE DETECTION SYSTEM AND METHOD EMPLOYING A SYNTHETIZED SYNCHRONIZATION SIGNAL**
[54] **SYSTEME ET PROCEDE DE DETECTION DE DECHARGE PARTIELLE UTILISANT UN SIGNAL DE SYNCHRONISATION SYNTHETISE**
[72] DI STEFANO, ANTONIO, IT
[72] CANDELA, ROBERTO, IT
[72] FISCELLI, GIUSEPPE, IT
[71] PRYSMIAN S.P.A., IT
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[25] EN
[54] **INCLUSION BODIES FOR TRANSDERMAL DELIVERY OF THERAPEUTIC AND COSMETIC AGENTS**
[54] **CORPS D'INCLUSION POUR ADMINISTRATION TRANSDERMIQUE D'AGENTS THERAPEUTIQUES ET COSMETIQUES**
[72] RUIZ-AVILA, LUIS, ES
[72] BOSSER ARTAL, RAMON, ES
[71] SPHERIUM BIOMED S.L., ES
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[54] **METHODS AND SYSTEMS FOR HEART VALVE THERAPY**
[54] **METHODES ET SYSTEMES DE THERAPIE DE VALVULE CARDIAQUE**
[72] SCHWEICH, CYRIL J., JR., US
[72] MORTIER, TODD J., US
[71] CAISSON INTERVENTIONAL, LLC, US
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[54] **DEVICE FOR NON-INVASIVE DETECTION OF PREDETERMINED BIOLOGICAL STRUCTURES**
[54] **DISPOSITIF DE DETECTION NON EFFRACTIVE DE STRUCTURES BIOLOGIQUES PREDETERMINEES**
[72] PELOSI, GIULIO, IT
[72] TORRICELLI, GIONATAN, IT
[72] CIORIA, FABIO, IT
[72] MASOTTI, LEONARDO, IT
[71] INSONO S.R.L., IT
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[54] **COMPOSITION DE REVETEMENT ANTI-COLORATION**
[72] MARAL, JEAN-LUC, FR
[72] DUCROCQ, M. LAUDINE, FR
[72] HAMON, YVES, FR
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **TRANSFER DEVICE OF BIOLOGICAL MATERIAL**
[54] **DISPOSITIF DE TRANSFERT D'UN MATERIAU BIOLOGIQUE**
[72] VERGAUWE, NICOLAS, BE
[72] TOLLENBOOM, THIERRY, BE
[71] BIOCARTIS NV, BE
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[54] **METHODE DE FIXATION D'UN DISPOSITIF A UNE SURFACE BIOLOGIQUE**
[72] KILLEFFER, JAMES ALEXANDER, US
[72] SEAVER, CHAD ERIC, US
[72] TAYLOR, DANA A., US
[72] ARNOTT, JAMES CHRISTOPHER, US
[71] ARKIS BIOSCIENCES, US
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[25] EN
[54] **THREE-DIMENSIONAL THIN-FILM NITINOL DEVICES**
[54] **DISPOSITIFS TRIDIMENSIONNELS A BASE DE NITINOL EN COUCHE MINCE**
[72] JOHNSON, DAVID ALFRED, US
[72] KEALEY, COLIN, US
[71] NSVASCULAR, INC., US
[85] 2016-04-22
[86] 2014-10-22 (PCT/US2014/061836)
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[25] EN
[54] **FLUID TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE FLUIDE**
[72] BUTTERS, BRIAN E., CA
[72] POWELL, ANTHONY L., CA
[71] 1934612 ONTARIO INC., CA
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[54] **TRACK MAINTENANCE MACHINE**
[54] **SECURITE ANTICHUTE POUR MACHINE DE POSE DE RAILS**
[72] WORGOTTER, HERBERT, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
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[86] 2014-11-21 (PCT/EP2014/003119)
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[25] EN
[54] **DOWNHOLE HOLE CLEANING JOINTS AND METHOD OF USING SAME**
[54] **RACCORDS DE NETTOYAGE DE TROU POUR FOND DE TROU ET LEURS PROCEDES D'UTILISATION**
[72] JELLISON, MICHAEL JOSEPH, US
[72] PLESSIS, GUILLAUME, FR
[72] MURADOV, ANDREI, US
[72] PRICE, JOHN FORESTER, US
[72] HAIN, STEPHEN C., US
[71] NATIONAL OILWELL VARCO, L.P., US
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[25] EN
[54] **ADMIXTURE COMPOSITION TO IMPROVE STRENGTH OF CEMENT CURED PRODUCTS**
[54] **COMPOSITION D'ADJUVANT POUR AMELIORER LA RESISTANCE DE PRODUITS DURCIS DE CIMENT**
[72] WIBOWO, ANTONIUS, BE
[72] KLEIN, HOWARD P., US
[72] GRIGSBY, ROBERT ALLISON, JR., US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2016-04-22
[86] 2014-09-29 (PCT/EP2014/070746)
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[30] US (61/897,404) 2013-10-30
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[54] **A METHOD FOR CONTROLLING RUST**
[54] **PROCEDE DE LUTTE CONTRE DE LA ROUILLE**
[72] OLIVEIRA, GILSON APARECIDO HERMENEGILDO DE, BR
[72] SHROFF, JAIDEV RAJNIKANT, IN
[72] SHROFF, VIKRAM RAJNIKANT, IN
[71] UPL LIMITED, IN
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[86] 2014-09-27 (PCT/IB2014/064891)
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[25] EN
[54] **ANTIGEN BINDING PROTEINS THAT BIND ERBB3**
[54] **PROTEINES DE LIAISON A UN ANTIGENE QUI SE LIENT A ERBB3**
[72] GROS, EDWIGE, US
[72] ZHANG, YANLIANG, US
[72] ZHOU, HEYUE, US
[71] SORRENTO THERAPEUTICS, INC., US
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[30] US (61/718,657) 2012-10-25

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[25] EN
[54] **PHAGE THERAPY OF PSEUDOMONAS INFECTIONS**
[54] **PHAGOTHERAPIE D'INFECTIONS A PSEUDOMONAS**
[72] POUILLOT, FLAVIE, FR
[72] BLOIS, HELENE, FR
[71] PHERECYDES PHARMA, FR
[85] 2016-04-22
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[25] EN
[54] **INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION**
[54] **INHIBITEURS DE REPLICATION DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE**
[72] PENDRI, ANNAPURNA, US
[72] LI, GUO, US
[72] BENDER, JOHN A., US
[72] YANG, ZHONG, US
[72] WANG, ALAN XIANGDONG, US
[72] BENO, BRETT R., US
[72] FRIDELL, ROBERT A., US
[72] BELEMA, MAKONEN, US
[72] MEANWELL, NICHOLAS A., US
[72] GENTLES, ROBERT G., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **HERBAL COMPOSITION, PROCESS FOR ITS PREPARATION AND USE THEREOF**
[54] **COMPOSITION A BASE DE PLANTE, SON PROCEDE DE PREPARATION ET D'UTILISATION**
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[72] SUTHAR, ASHISH CHANDRAKANT, IN
[72] SHELAR, RAHUL RAMESH, IN
[71] PIRAMAL ENTERPRISES LIMITED, IN
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[54] **ANTI-INFECTIVE BINDING PROTEINS THAT BIND AIP2**
[54] **PROTEINES DE LIAISON ANTI-INFECTIEUSES QUI SE LIENT A AIP2**
[72] KAUFMANN, GUNNAR F., US
[72] ZHOU, HEYUE, US
[72] LU, GUODI, US
[71] SORRENTO THERAPEUTICS INC., US
[85] 2016-04-22
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[54] **CYLINDER LOCK AND ASSOCIATED KEY**
[54] **SERRURE A CYLINDRE ET CLE ASSOCIEE**
[72] FUSTINI, FAUSTO, IT
[72] TALAMONTI, ENZO, IT
[71] CISA S.P.A., IT
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[54] **METHOD FOR SYNTHESIZING SILICOALUMINOPHOSPHATE-34 MOLECULAR SIEVES**
[54] **PROCEDE DE SYNTHESE DE TAMIS MOLECULAIRES EN SILICOALUMINOPHOSPHATE-34**
[72] ZHANG, QIUHUA, US
[72] KORANNE, MANOJ M., US
[71] W. R. GRACE & CO.-CONN., US
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[54] **OPTIMIZING FLOW CONTROL DEVICE PROPERTIES FOR ACCUMULATED LIQUID INJECTION**
[54] **OPTIMISATION DE PROPRIETES DE DISPOSITIF DE COMMANDE D'ECOULEMENT POUR INJECTION DE LIQUIDE ACCUMULE**
[72] FILIPPOV, ANDREY, US
[72] LU, JIANXIN, US
[72] KHORIAKOV, VITALY, CA
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **MAGNETIC GRADIENT AND CURVATURE BASED RANGING METHOD**
[54] **GRADIENT MAGNETIQUE ET PROCEDE DE TELEMETRIE BASE SUR UNE COURBURE**
[72] BROOKS, ANDREW G., US
[72] MCELHINNEY, GRAHAM A., GB
[72] CEH, LEON, CA
[72] STENERSON, KENNETH, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **BOTTOM HOLE ASSEMBLY FIBER OPTIC SHAPE SENSING**
[54] **DETECTION A FORME DE FIBRE OPTIQUE D'ENSEMBLE FOND DE TROU**
[72] GAJJI, BHARGAV, IN
[72] PUROHIT, ANKIT, IN
[72] KADAM, RATISH SUHAS, IN
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITION FOR USE IN THE TREATMENT OF COUGH**
[54] **COMPOSITION A BASE DE PLANTES A UTILISER DANS LE TRAITEMENT DE LA TOUX**
[72] MERCATI, VALENTINO, IT
[72] MAIDECCHI, ANNA, IT
[71] ABOCA S.P.A. SOCIETA' AGRICOLA, IT
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[54] **SEALING MATERIAL COMPOSITION AND COMPOSITE GLASS**
[54] **COMPOSITION DE PRODUIT D'ETANCHEITE ET VERRE COMPOSITE**
[72] KAWAMI, KAORU, JP
[71] THE YOKOHAMA RUBBER CO., LTD., JP
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[54] **MULTI-METAL LAYERED CARD**
[54] **CARTE MULTICOUCHE POLYMETALLIQUE**
[72] MOSTELLER, BARRY, US
[71] CPI CARD GROUP-COLORADO, INC., US
[85] 2016-04-22
[86] 2014-10-23 (PCT/US2014/062040)
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[25] EN
[54] **AQUEOUS-BASED COATING COMPOSITION CONTAINING HYDROXY-TERMINATED POLYBUTADIENE**
[54] **COMPOSITION DE REVETEMENT A BASE D'EAU CONTENANT UN POLYBUTADIENE A TERMINAISON HYDROXY**
[72] MOST, CHRISTOPHER L., US
[72] MCVAY, ROBERT, US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **DAMPER DEVICE**
[54] **DISPOSITIF AMORTISSEUR**
[72] SASAKI, KATSUMI, JP
[72] GOTO, OSAMU, JP
[72] MATSUI, TOSHIAKI, JP
[71] PNEUMATIC SERVO CONTROLS LTD., JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **INFUSION SYSTEM FOR PREVENTING MISCHANNELING OF MULTIPLE MEDICAMENTS**
[54] **SYSTEME DE PERFUSION PERMETTANT DE PREVENIR LE MAUVAIS ROUTAGE DE MULTIPLES MEDICAMENTS**
[72] DAMIANO, EDWARD R., US
[72] RAMEY, KIRK D., US
[72] EL-KHATIB, FIRAS H., US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2016-04-22
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[54] **METHOD OF MANUFACTURING D- OR L-FORM AMINO ACID DERIVATIVE POSSESSING A THIOL GROUP**
[54] **PROCEDE DE PRODUCTION DE DERIVE D'ACIDE AMINE DE FORME D OU DE FORME L AYANT UN GROUPE THIOL**
[72] KAJIHARA, YASUHIRO, JP
[72] MORISHITA, YASUHITO, JP
[72] MURASE, TAKEFUMI, JP
[71] GLYTECH, INC., JP
[85] 2016-04-22
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[54] **PRODUCTION METHOD FOR FRUCTOOLIGOSACCHARIDE**
[54] **PROCEDE DE PRODUCTION DE FRUCTO-OLIGOSACCHARIDE**
[72] TOYOTA, KENJI, JP
[72] OHARA, HIROKI, JP
[71] MEIJI CO., LTD., JP
[85] 2016-04-22
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[54] **INTER-ENODEB COMMUNICATION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION ENTRE STATIONS DE BASE**
[72] XIANG, JIYING, CN
[72] GENG, PENG, CN
[72] QIU, GANG, CN
[72] REN, ZHEN, CN
[72] HUANG, CHEN, CN
[72] LI, NAN, CN
[72] CHEN, DONGLEI, CN
[71] ZTE CORPORATION, CN
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[25] FR
[54] **PRESSURE SENSOR INCLUDING A STRUCTURE FOR CONTROLLING AN ADHESIVE LAYER RESISTANT TO TEMPERATURE VARIATIONS**
[54] **CAPTEUR DE PRESSION COMPRENANT UNE STRUCTURE DE CONTROLE D'UNE COUCHE D'ADHESIF RESISTANTE AUX VARIATIONS DE TEMPERATURES**
[72] BRIDA, SEBASTIANO, FR
[72] SEYER, DAVID, FR
[71] AUXITROL S.A., FR
[85] 2016-04-22
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[54] **A METHOD AND A SYSTEM FOR PRODUCING A LIGHTWEIGHT CERAMIC AGGREGATE, PARTICULARLY FROM COAL ASH**
[54] **PROCEDE ET SYSTEME DE PRODUCTION D'AGREGE CERAMIQUE LEGER, A PARTIR DE CENDRES DE CHARBON EN PARTICULIER**
[72] LUCZAJ, KRZYSZTOF, PL
[72] SOKOLOWSKI, JANUSZ, PL
[72] SWITKA KRZYSZTOF JAN, PL
[72] KABACLNSKI, MICHAL, PL
[71] LSA SP. Z O.O., PL
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[54] **LIQUID NATURAL GAS TRANSFER**
[54] **TRANSFERT DE GAZ NATUREL LIQUEFIE**
[72] BJORN, ANDERS, DK
[72] NIELSEN, ANDERS WURTZ, DK
[72] JORGENSEN, ANDERS DAHL, DK
[71] KOSAN CRISPLANT A/S, DK
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[54] **COMBINATORIAL METHODS TO IMPROVE THE THERAPEUTIC BENEFIT OF BISANTRENE**
[54] **PROCEDES COMBINATOIRES PERMETTANT D'AMELIORER L'AVANTAGE THERAPEUTIQUE DU BISANTRENE**
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[72] FRANKLIN, AMIE, US
[72] ROTHMAN, JOHN, US
[71] UPDATE PHARMA INC., US
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[54] **IMPROVED METHODS AND SYSTEMS FOR JACKET JOINTS**
[54] **PROCEDES ET SYSTEMES AMELIORES POUR JOINTS DE GAINE**
[72] ROBERTS, JAMES MARTIN, US
[72] ANGEL, JOHNNY DALE, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **DISPOSITIFS D'ETANCHEITE DILATABLES ET ANTI-ONDULATION**
[72] DE RUIJTER, MICHEL J., BE
[72] GEUDENS, PASCAL A., BE
[72] KEMPENAERS, PETER J., BE
[71] GCP APPLIED TECHNOLOGIES INC., US
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[54] **SYSTEM AND METHOD FOR CATALYST REGENERATION**
[54] **SYSTEME ET PROCEDE DE REGENERATION DE CATALYSEUR**
[72] LARSEN, RYAN, GB
[71] M-I L.L.C., US
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[54] **FASTENER-DRIVING TOOL INCLUDING A REVERSION TRIGGER WITH A DAMPER**
[54] **OUTIL D'ENTRAINEMENT D'ELEMENT DE FIXATION COMPRENANT UN DECLENCHEUR D'INVERSION AVEC UN AMORTISSEUR**
[72] PUPPALA, MADHAV SAI, US
[72] MOORE, STEPHEN P., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **COMPOSITIONS AND METHODS FOR REMOVING SOILS FROM SURFACES**
[54] **COMPOSITIONS ET PROCEDES POUR ELIMINER LES SALISSURES SUR DES SURFACES**
[72] FOSTER, TOBIAS NEIL, DE
[72] KULLWITZ, DIRK, DE
[72] PATHICHERIL, BEANA, DE
[71] ECOLAB INC., US
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[25] EN
[54] **A PNEUMATIC HAMMER DEVICE AND A METHOD PERTAINING TO A PNEUMATIC HAMMER DEVICE**
[54] **DISPOSITIF DE MARTEAU PNEUMATIQUE ET PROCEDE RELATIF A UN DISPOSITIF DE MARTEAU PNEUMATIQUE**
[72] LILJA, THOMAS, SE
[72] OSTENSSON, OLOF, SE
[71] CONSTRUCTION TOOLS PC AB, SE
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[25] EN
[54] **TIME DOMAIN MEASURING METHOD WITH CALIBRATION IN THE FREQUENCY DOMAIN**
[54] **PROCEDE DE MESURE DANS LE DOMAINE TEMPOREL AVEC CALIBRATION DANS LE DOMAINE FREQUENTIEL**
[72] ZIETZ, CHRISTIAN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **SYSTEM AND METHOD FOR ACCESSING HEALTHCARE APPOINTMENTS FROM MULTIPLE DISPARATE SOURCES**
[54] **SYSTEME ET PROCEDE D'ACCES A DES RENDEZ-VOUS DE SOINS DE SANTE DE MULTIPLES SOURCES DISPARATES**
[72] KHARRAZ TAVAKOL, OLIVER D., US
[71] ZOCDOC, INC., US
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[25] EN
[54] **METHODS AND ARTICLES FOR THE DETECTION OF EXPOSURE TO POLYHYDROXYAROMATIC SKIN IRRITANTS**
[54] **PROCEDES ET ARTICLES POUR LA DETECTION D'UNE EXPOSITION A DES IRRITANTS CUTANES POLYHYDROXYAROMATIQUES**
[72] BROWN, LARRY RICHARD, US
[72] FEENEY, ROBERT DAVID, US
[71] SEELEAF, INC., US
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[54] **METHOD FOR MONITORING INDUSTRIAL SYSTEMS**
[54] **PROCEDE DE SURVEILLANCE DE SYSTEMES INDUSTRIELS**
[72] BRUNNMEIER, WALDEMAR, DE
[71] GROWTH FINANCE AG, CH
[85] 2016-04-25
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[25] EN
[54] **SYNTACTIC POLYURETHANE ELASTOMERS FOR USE IN SUBSEA PIPELINE INSULATION**
[54] **ELASTOMERES DE POLYURETHANE SYNTACTIQUES DESTINES A ETRE UTILISES DANS L'ISOLATION DE PIPELINE SOUS-MARIN**
[72] GELFER, MIKHAIL Y., US
[72] STEPHENSON, AMBER, US
[72] MINNIKANTI, VENKAT S., US
[72] BROWN, MARK, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **METHODS OF TREATING AND PREVENTING RADIATION DAMAGE**
[54] **METHODES DE TRAITEMENT ET DE PREVENTION DE LESIONS CAUSEES PAR DES RAYONNEMENTS NUCLEAIRES**
[72] MARCUS, STEPHEN, US
[71] CANTEX PHARMACEUTICALS, INC., US
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[72] HARIDI, SEIF, SE
[71] HIVE STREAMING AB, SE
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[54] **BLOOD CULTURE BOTTLES WITH MECHANISMS FOR CONTROLLED RELEASE OF SUBSTANCES INTO CULTURE MEDIA**
[54] **BOUTEILLES D'HEMOCULTURE DOTEES DE MECANISMES POUR UNE LIBERATION CONTROLEE DE SUBSTANCES DANS DES MILIEUX DE CULTURE**
[72] YANG WOYTOWITZ, MEI, US
[72] POHL, BRENT, US
[72] HERSHNER, GARY F., US
[72] LIVINGSTON, DWIGHT, US
[72] URSPRUNG, ERIC, US
[72] LOTZ, GERARD, US
[72] BAILEY, KEVIN, US
[72] LENTZ, AMMON DAVID, US
[72] BRASCH, MICHAEL A., US
[72] YEH, MING-HSIUNG, US
[72] BEATY, PATRICK SHAWN, US
[72] YU, CHARLES C., US
[72] WILES, TIMOTHY M., US
[72] FENG, LIPING, US
[72] TURNG, BEN, US
[72] CHANG, XIAOFEI, US
[72] MURRAY, PATRICK R., US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **MATERIAL AND DEVICE FOR THE CONTAINMENT OF CRYOGENIC LIQUIDS**
[54] **MATERIAU ET DISPOSITIF POUR LE CONFINEMENT DE LIQUIDES CRYOGENIQUES**
[72] L'INTERMY, JULIEN, FR
[72] DEFOORT, BRIGITTE, FR
[72] DUCHET-RUMEAU, JANNICK, FR
[72] GERARD, JEAN-FRANCOIS, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES, FR
[71] INSAVALOR, FR
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[25] EN
[54] **REPEATING UNIT, MULTI-NEEDLE MACHINE AND METHOD FOR PRODUCING REINFORCED MATERIALS**
[54] **UNITE DE REPETITION, MACHINE MULTI-AIGUILLES ET PROCEDE DE PRODUCTION DE MATERIAUX RENFORCES**
[72] ENDRES, GREGOR CHRISTIAN, DE
[72] WEBER, HANS-JURGEN, DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
[71] AIRBUS OPERATIONS GMBH, DE
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[25] EN
[54] **PHENOXYETHYL CYCLIC AMINE DERIVATIVES AND THEIR ACTIVITY AS EP4 RECEPTOR MODULATORS**
[54] **DERIVES D'AMINE CYCLIQUE DE PHENOXYETHYLE ET LEUR ACTIVITE EN TANT QUE MODULATEURS DU RECEPTEUR EP4**
[72] FISHER, MATTHEW JOSEPH, US
[72] KUKLISH, STEVEN LEE, US
[72] MANNINEN, PETER RUDOLPH, US
[72] SCHIFFLER, MATTHEW ALLEN, US
[72] WARSHAWSKY, ALAN M., US
[72] YORK, JEREMY SCHULENBURG, US
[71] ELI LILLY AND COMPANY, US
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[54] **ORDERING TRAFFIC CAPTURED ON A DATA CONNECTION**
[54] **CLASSEMENT D'UN TRAFIC CAPTURE SUR UNE CONNEXION DE DONNEES**
[72] VARSANYI, ERIC, US
[71] DB NETWORKS, INC., US
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[54] **SUBSTRATES COMPRISING NANO-PATTERNING SURFACES AND METHODS OF PREPARING THEREOF**
[54] **SUBSTRATS COMPRENANT DES SURFACES A NANO-MOTIFS ET PROCEDES DE PREPARATION ASSOCIES**
[72] BOWEN, M. SHANE, US
[72] VENKATESAN, BALA MURALI, US
[72] BARNARD, STEVEN M., US
[71] ILLUMINA, INC., US
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[54] **VIDEO TRANSMISSION**
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[72] BERRETT, DOUGLAS D., US
[72] DRAGNE, LUCIAN, US
[72] KOLLENKARK, SEAN E., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **FLUID APPLICATION DEVICE HAVING A MODULAR NOZZLE ASSEMBLY FOR APPLYING FLUID TO AN ARTICLE**
[54] **DISPOSITIF D'APPLICATION DE FLUIDE AYANT UN ENSEMBLE DE BUSE MODULAIRE POUR APPLIQUER UN FLUIDE SUR UN ARTICLE**
[72] LESSLEY, MEL STEVEN, US
[72] BOLYARD, EDWARD WAYNE JR., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **METHODS FOR TREATMENT OF POSTOPERATIVE INFLAMMATION WITH REDUCED INTRAOCULAR PRESSURE**
[54] **METHODES DE TRAITEMENT D'UNE INFLAMMATION POSTOPERATOIRE ASSOCIEES A UNE REDUCTION DE LA PRESSION INTRAOCULAIRE**
[72] HOSSEINI, KAMRAN, US
[72] BOWMAN, LYLE, US
[71] INSITE VISION INCORPORATED, US
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[54] **A SEALING DEVICE FOR GARMENTS**
[54] **DISPOSITIF D'ETANCHEITE POUR VETEMENTS**
[72] AXELSSON, JONAS, SE
[72] INSULAN, STIG, SE
[71] SI TECH AB, SE
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[54] **ENZYME ASSAY WITH DUPLICATE FLUOROPHORES**
[54] **TEST D'ACTIVITE ENZYMATIQUE FAISANT APPEL A DES FLUOROPHORES DOUBLES**
[72] TUCKER, WARD C., US
[71] BIOMADISON, INC., US
[85] 2016-04-22
[86] 2014-10-24 (PCT/US2014/062260)
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[54] **FLUID FILTERING DEVICE AND ASSEMBLY**
[54] **DISPOSITIF ET ENSEMBLE DE FILTRAGE DE FLUIDE**
[72] EGELAND, EIRIK BENTZEN, NO
[71] TRILOBITE INNOVATION AS, NO
[85] 2016-04-25
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[54] **DC/DC CONVERSION DEVICE AND LOAD-DRIVE CONTROL SYSTEM**
[54] **DISPOSITIF DE CONVERSION CC/CC ET SYSTEME DE COMMANDE DE PILOTE DE CHARGE**
[72] OKADA, YURUKI, JP
[72] YAMASHITA, YOSHINORI, JP
[72] KATO, SHO, JP
[72] YAMASAKI, HISANORI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **RECLAIMING DEVICE, METHOD, AND RECOVERY UNIT OF CO2, H2S, OR BOTH OF CO2 AND H2S**
[54] **DISPOSITIF DE REGENERATION ET PROCEDE ET DISPOSITIF DE RECUPERATION POUR CO2, H2S, OU LES DEUX**
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] YUKUMOTO, ATSUHIRO, JP
[72] OISHI, TSUYOSHI, JP
[72] NAKATANI, SHINSUKE, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **ALLOY PLATE COATED MATERIAL AND METHOD OF PRODUCING ALLOY PLATE COATED MATERIAL**
[54] **MATERIAU PLAQUE PAR ALLIAGE, ET PROCEDE DE PRODUCTION DE MATERIAU PLAQUE PAR ALLIAGE**
[72] MUKAI, NOBUAKI, JP
[72] TSURUDA, TOMOYUKI, JP
[72] YOSHIDA, TAKAHIRO, JP
[71] TOYO KOHAN CO., LTD., JP
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[25] EN
[54] **APPARATUS AND METHODS FOR TESTING VISUAL FUNCTION AND FUNCTIONAL VISION AT VARYING LUMINANCE LEVELS**
[54] **APPAREIL ET PROCEDES DE TEST DE LA FONCTION VISUELLE ET DE LA VISION FONCTIONNELLE A DIFFERENTS NIVEAUX DE LUMINANCE**
[72] HIGH, KATHERINE A., US
[72] BENNETT, JEAN, US
[72] CHUNG, DANIEL, US
[72] MAGUIRE, ALBERT, US
[72] WELLMAN, JENNIFER, US
[72] MCCAGUE, SARAH, US
[72] PODSAKOFF, GREGORY, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **SULFONAMIDE DERIVATIVE AND PHARMACEUTICAL USE THEREOF**
[54] **DERIVE DE SULFONAMIDE ET SON UTILISATION MEDICINALE**
[72] UENO, HIROKAZU, JP
[72] YAMAMOTO, TAKASHI, JP
[72] MIYAZAWA, TOMOKO, JP
[72] SHINKAI, KENJI, JP
[72] ARISAKA, HARUMI, JP
[72] TAKANOHASHI, TOSHIYUKI, JP
[71] AJINOMOTO CO., INC., JP
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[54] **VIS, ENVELOPPE DE BATIMENT ET PROCEDE D'ISOLATION**
[72] FOSER, THOMAS, LI
[72] BAUDY, DANIEL, AT
[71] HILTI AKTIENGESELLSCHAFT, LI
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[25] EN
[54] **FIRE EXTINGUISHING SYSTEM**
[54] **SYSTEME D'EXTINCTION D'INCENDIE**
[72] ERNFJALL, JOHNNY, SE
[71] FOGMAKER INTERNATIONAL AB, SE
[85] 2016-04-22
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[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/00 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR BINDING CYSTEINYL LEUKOTRIENES (CYSLTS) FOR TREATMENT OF DISEASE**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE LIER DES CYSTEINYL-LEUCOTRIENES (CYSLT) EN VUE DU TRAITEMENT DE MALADIES**
[72] WOJCIAK, JONATHAN MICHAEL, US
[72] DICKERSON, CINDY TAKEUCHI, US
[72] VISENTIN, BARBARA, US
[72] SABBADINI, ROGER A., US
[72] MATTEO, ROSALIA, US
[71] LPATH, INC., US
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[51] **Int.Cl. C12N 5/071 (2010.01) C12M 3/00 (2006.01) C07K 14/46 (2006.01)**
[25] EN
[54] **POLYPEPTIDE COMPOSITION AND CULTURE METHOD FOR PLURIPOTENT STEM CELL USING SAME**
[54] **COMPOSITION DE POLYPEPTIDE ET PROCEDE DE CULTURE DE CELLULES SOUCHES PLURIPOTENTES L'UTILISANT**
[72] HAGIYA, KEITA, JP
[72] MORIOKA, SANAE, JP
[72] MURAKAMI, YUTA, JP
[72] HANDO, RIE, JP
[72] SUZUKI, KOUO, JP
[72] IWAKI, YOSHIHIDE, JP
[72] SASAKI, TASUKU, JP
[71] FUJIFILM CORPORATION, JP
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[25] EN
[54] **PROCESS FOR CONVERTING OXYGENATES TO OLEFINS**
[54] **PROCEDE POUR LA CONVERSION DE COMPOSES OXYGENES EN OLEFINES**
[72] SANBORN, RICHARD ADDISON, US
[72] GEERTSHUIS, BERNARDUS MARIA, NL
[72] CHEWTER, LESLIE ANDREW, NL
[72] CHEN, YE MON, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **ADAPTABLE MULTI-MODE WIRELESS POWER, LIGHT AND AUTOMATION**
[54] **SYSTEME ADAPTABLE D'ALIMENTATION MULTIMODALE, D'ECLAIRAGE ET D'AUTOMATISATION SANS FIL**
[72] DAVIS, BARRIE, AU
[72] DAVIS, BENJAMIN, AU
[71] KORTEK INDUSTRIES PTY LTD, AU
[85] 2016-04-25
[86] 2014-10-28 (PCT/AU2014/001007)
[87] (WO2015/061831)
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[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **DRUG FOR TREATING CORNEAL ENDOTHELIUM BY PROMOTING CELL PROLIFERATION OR INHIBITING CELL DAMAGE**
[54] **MEDICAMENT POUR TRAITER UN ENDOTHELIUM CORNEEN FAVORISANT UNE PROLIFERATION CELLULAIRE OU INHIBANT UN DOMMAGE CELLULAIRE**
[72] KOIZUMI, NORIKO, JP
[72] OKUMURA, NAOKI, JP
[72] KINOSHITA, SHIGERU, JP
[71] THE DOSHISHA, JP
[85] 2016-04-25
[86] 2014-11-13 (PCT/JP2014/080831)
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[25] EN
[54] **METHODS AND DEVICES FOR SOFT TISSUE DISSECTION**
[54] **METHODES ET DISPOSITIFS DE DISSECTION DE TISSU MOU**
[72] MOODY, RYAN, US
[72] PELL, CHARLES ANTHONY, US
[72] ESPENHAHN, ERIC TORR, US
[72] CRENSHAW, HUGH CHARLES, US
[71] PHYSCIENT, INC., US
[85] 2016-04-22
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[51] **Int.Cl. A61C 1/18 (2006.01) A61B 17/3207 (2006.01) A61L 29/00 (2006.01) F16C 1/02 (2006.01) F16C 1/06 (2006.01) F16C 1/28 (2006.01)**
[25] EN
[54] **A FLEXIBLE CATHETER WITH A DRIVE SHAFT**
[54] **CATHETER FLEXIBLE COMPRENANT UN ARBRE D'ENTRAINEMENT**
[72] SCHECKEL, MARIO, DE
[72] SCHUMACHER, JORG, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2016-04-22
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[51] **Int.Cl. A61L 33/10 (2006.01)**
[25] EN
[54] **ANTITHROMBOTIC MATERIAL**
[54] **MATERIAU ANTITHROMBOTIQUE**
[72] KADOWAKI, KOJI, JP
[72] FUJITA, MASAKI, JP
[72] SAKAGUCHI, YUKA, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-04-25
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[30] JP (2013-246580) 2013-11-28
[30] JP (2013-265834) 2013-12-24

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[51] **Int.Cl. B65G 21/06 (2006.01) G01G 21/23 (2006.01)**
[25] EN
[54] **SCALES WITH A FOLDABLE WEIGHING TABLE**
[54] **BALANCE MUNIE D'UN PLATEAU DE PESAGE RABATTABLE**
[72] GAHLER, THOMAS, DE
[71] GEA FOOD SOLUTIONS GERMANY GMBH, DE
[85] 2016-04-22
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[54] **COMPOSITIONS AND METHODS USEFUL IN TREATMENT OF LOWER URINARY TRACT SYSPTOMS, BENIGN PROSTATIC HYPERPLASIA, ERECTILE DYSFUNCTION**
[54] **COMPOSITIONS ET METHODES UTILES DANS LE TRAITEMENT DES SYMPTOMES DES VOIES URINAIRES INFERIEURES, DE L'HYPERPLASIE PROSTATIQUE BENIGNE, ET DE LA DYSFONCTION ERECTILE**
[72] FROMENTIN, EMILIE ANNIE CLAUDIE, FR
[72] KLAIBER, DOUGLAS ANDREW, US
[72] SOUZA, DANIEL DAVID, US
[71] NATUREX-DBS LLC, US
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[25] EN
[54] **POLYURETHANE FOAM AND PROCESS FOR PRODUCING SAME**
[54] **MOUSSE DE POLYURETHANE ET PROCEDE POUR LA PRODUCTION DE LADITE MOUSSE DE POLYURETHANE**
[72] LINDNER, STEFAN, DE
[72] FRIEDERICHS, WOLFGANG, DE
[72] NIESTEN, MEIKE, DE
[72] STREY, REINHARD, DE
[72] SOTTMAN, THOMAS, DE
[72] BECKER, NIELS, DE
[72] CHALBI, AGNES, DE
[72] ENGELEN, DIANA, DE
[72] HEINZ, PAUL, DE
[71] COVESTRO DEUTSCHLAND AG, DE
[85] 2016-04-22
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[25] EN
[54] **A METHOD AND A SYSTEM FOR PRODUCING A PACKAGING**
[54] **PROCEDE ET INSTALLATION PERMETTANT DE PRODUIRE UN EMBALLAGE**
[72] LINDT, JAKOB, DE
[72] ALLMANG, WERNER, DE
[72] ROC[illegible], MANFRED, DE
[71] DS SMITH PACKAGING DEUTSCHLAND STIFTUNG & CO. KG, DE
[85] 2016-04-22
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[25] EN
[54] **LINER HANGER SETTING TOOL AND METHOD FOR USE OF SAME**
[54] **OUTIL DE MISE EN PLACE DE DISPOSITIF DE SUSPENSION DE CREPINE ET SON PROCEDE D'UTILISATION**
[72] JACKSON, ALAN TANCEL, US
[72] GHARESI, ABDOLREZA, US
[72] CRAMP, STEVEN JOHN, NO
[72] HUMPHREY, RYAN THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCESS ADDITIVE FORMULATION AND METHOD FOR FOAM REDUCTION AND/OR FOR INCREASING DRAINAGE**
[54] **FORMULATION D'ADDITIF DE PROCEDE ET PROCEDE POUR LA REDUCTION DE MOUSSE ET/OU L'AUGMENTATION DU DRAINAGE**
[72] VANCE, FREDRICK, US
[72] WILSON, ROBERT, US
[71] KEMIRA OYJ, FI
[85] 2016-04-22
[86] 2014-11-18 (PCT/FI2014/050868)
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[25] EN
[54] **VENTED BLANK FOR PRODUCING A MATRIX BIT BODY**
[54] **EBAUCHE A EVACUATION POUR PRODUIRE UN CORPS DE TREPAN A MATRICE**
[72] OLSEN, GARRETT T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD FOR PREPARING STEROIDAL DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES STEROIDIENS 6-ALKYLES ET LES 5,6,7,8-TETRAHYDRONAPHTHALENE-2(4ALPHA.H)-ONES ALKYLES CORRESPONDANTS**
[72] DUEZ, STEPHANIE, DE
[72] HAESSLEIN, JEAN-LUC, FR
[72] LHERMITTE, FREDERIC, FR
[72] QUINIO, PAULINE, DE
[71] SANOFI, FR
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[25] EN
[54] **SUSPENSION AND CLUSTERING OF HUMAN PLURIPOTENT STEM CELLS FOR DIFFERENTIATION INTO PANCREATIC ENDOCRINE CELLS**
[54] **MISE EN SUSPENSION ET AGREGATION DE CELLULES SOUCHES PLURIPOTENTES HUMAINES AUX FINS DE DIFFERENCIATION EN CELLULES ENDOCRINES DU PANCREAS**
[72] FRYER, BENJAMIN, US
[72] LANIAUSKAS, DAINA, US
[72] BLACKMOORE, MARCIA, US
[72] WANG, HAIYUN, US
[72] LILOVA, KOSTADINKA, US
[72] NELSON, SHELLEY, US
[72] ROSOCHA, ELIZABETH, US
[71] JANSSEN BIOTECH, INC., US
[85] 2016-04-25
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[25] FR
[54] **APPARATUS AND METHOD FOR COMPRESSING AND/OR COOLING AND PURIFYING A CARBON DIOXIDE RICH GAS CONTAINING WATER**
[54] **APPAREIL ET PROCEDE DE COMPRESSION ET/OU REFROIDISSEMENT AINSI QUE DE PURIFICATION D'UN GAZ RICHE EN DIOXYDE DE CARBONE CONTENANT DE L'EAU**
[72] LECLERC, MATHIEU, FR
[72] SZAMLEWSKI, CHRISTOPHE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[25] EN
[54] **METHOD FOR REMEDIATION OF SUBTERRANEAN-FORMED METAL-POLYMER COMPLEXES USING A METAL COMPLEXING AGENT**
[54] **PROCEDE D'ASSAINISSEMENT DE COMPLEXES METAL/POLYMERE FORMES SOUS TERRE A L'AIDE D'UN AGENT COMPLEXANT DE METAL**
[72] CONWAY, ANDREW BRYCE, US
[72] EASTERLY, ROBERT, US
[71] FLEX-CHEM HOLDING COMPANY, LLC, US
[71] CIMAREX ENERGY CO., US
[85] 2016-04-22
[86] 2014-10-27 (PCT/US2014/062440)
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[54] **TWO-PART COMPONENT**
[54] **PIECE EN DEUX PARTIES**
[72] HASELWANTER, ALEXANDER, AT
[72] TEMUR, AYTAC, DE
[72] WENING, JURGEN, DE
[71] MAGNA INTERNATIONAL INC., CA
[85] 2016-04-25
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[54] **ALLERGEN DETECTION**
[54] **DETECTION D'ALLERGENES**
[72] GILBOA-GEFFEN, ADI, US
[72] BROWN, RENUKA BABU, US
[71] DOTS DEVICES, INC., US
[85] 2016-04-22
[86] 2014-10-28 (PCT/US2014/062656)
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[54] **CATHETERS LUBRIFIES OLEOPHILES**
[72] ROSTAMI, SHAMSEDIN, GB
[72] CLARKE, JOHN T., IE
[71] HOLLISTER INCORPORATED, US
[85] 2016-04-22
[86] 2014-11-06 (PCT/US2014/064254)
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[51] **Int.Cl. B01D 29/90 (2006.01) B01D 35/02 (2006.01) B01D 35/157 (2006.01) B01D 35/30 (2006.01) E04H 4/16 (2006.01) G05D 7/01 (2006.01)**
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[54] **VELOCITY REDUCING POOL FILTER PORT**
[54] **ORIFICE DE FILTRE DE BASSIN A REDUCTION DE VITESSE**
[72] MARCIANO, EDWARD LAWRENCE, US
[72] TESSITORE, JOSEPH ANTHONY, US
[71] HAYWARD INDUSTRIES, INC., US
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[51] **Int.Cl. A63B 5/11 (2006.01)**
[25] EN
[54] **TENSIONING ELEMENT FOR TENSIONING A JUMPING MAT ON A FRAME OF A TRAMPOLINE**
[54] **ELEMENT TENDEUR PERMETTANT DE TENDRE UNE TOILE DE REBOND SUR LE CADRE D'UN TRAMPOLINE**
[72] HEYMANS, JOACHIM, DE
[71] HEYMANS, JOACHIM, DE
[85] 2016-04-25
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[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **MEDIA PLUG-IN FOR THIRD-PARTY SYSTEM**
[54] **MODULE D'EXTENSION MULTIMEDIA DESTINE A UN SYSTEME TIERS**
[72] TSENG, ERICK, US
[72] WONG, YOON KEAN, US
[71] FACEBOOK, INC., US
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[86] 2014-10-29 (PCT/US2014/062826)
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[51] **Int.Cl. A01C 1/06 (2006.01)**
[25] EN
[54] **ALGINATE COATING FOR SEED TREATMENT**
[54] **REVETEMENT D'ALGINATE POUR LE TRAITEMENT DE SEMENCES**
[72] WANG, YULIANG, US
[71] FMC CORPORATION, US
[85] 2016-04-22
[86] 2014-10-29 (PCT/US2014/062862)
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[51] **Int.Cl. C07K 14/585 (2006.01) A61K 38/23 (2006.01)**
[25] EN
[54] **CALCITONIN MIMETICS FOR TREATING DISEASES AND DISORDERS**
[54] **MIMETIQUES DE LA CALCITONINE POUR LE TRAITEMENT DE MALADIES ET D'AFFECTIONS**
[72] KARSDAL, MORTEN, DK
[72] HENRIKSEN, KIM, DK
[72] ANDREASSEN, KIM VIETZ, DK
[71] KEYBIOSCIENCE AG, CH
[85] 2016-04-25
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[30] GB (1320112.4) 2013-11-14
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[51] **Int.Cl. C07H 19/048 (2006.01)**
[25] EN
[54] **NICOTINAMIDE RIBOSIDE COMPOSITIONS FOR TOPICAL USE IN TREATING SKIN CONDITIONS**
[54] **COMPOSITIONS DE NICOTINAMIDE RIBOSIDE A USAGE TOPIQUE POUR TRAITER LES AFFECTIONS CUTANEES**
[72] DEREN-LEWIS, ANN, US
[72] RHONEMUS, TROY, US
[71] CHROMADEX INC., US
[85] 2016-04-22
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[25] EN
[54] **CRYSTALLINE FORMS OF THERAPEUTIC COMPOUNDS AND USES THEREOF**
[54] **FORMES CRISTALLINES DE COMPOSES THERAPEUTIQUES ET LEURS UTILISATIONS**
[72] ENLOW, ELIZABETH M., US
[72] NGUYEN, MINH NGOC, US
[72] ONG, WINSTON Z., US
[71] KALA PHARMACEUTICALS, INC., US
[85] 2016-04-22
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[30] US (61/898,741) 2013-11-01
[30] US (62/039,177) 2014-08-19
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS AND METHODS FOR DETECTING PATHOGENS AND BENEFICIAL MICROORGANISMS**
[54] **ACIDES NUCLEIQUES ET METHODES DE DETECTION DE PATHOGENES ET DE MICROORGANISMES UTILES**
[72] DIMAIUTA, NICOLA, CH
[72] EGLI, KONRAD, CH
[72] GLAUBITZ, JOACHIM, CH
[72] URWYLER, SIMON, CH
[71] OMYA INTERNATIONAL AG, CH
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[51] **Int.Cl. A61M 37/00 (2006.01)**
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[54] **INJECTION DEVICE CONFIGURED TO MATE WITH A MOBILE DEVICE**
[54] **DISPOSITIF D'INJECTION CONCU POUR CORRESPONDRE A UN DISPOSITIF MOBILE**
[72] DESPA, MIRCEA STEFAN, US
[72] KANKANALA, SUNDEEP, US
[72] WILSON, DYLAN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-04-22
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[25] EN
[54] **A PRECUT BLANK AND PACKAGING PRODUCED FROM IT**
[54] **DECOUPE ET EMBALLAGE PRODUIT A PARTIR DE CETTE DERNIERE**
[72] MCDONALD, JAMES, GB
[72] DE SMEDT, GERT, BE
[72] JACOBSSON, FREDRIK, SE
[71] DS SMITH PACKAGING DEUTSCHLAND STIFTUNG & CO. KG, DE
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[54] **SHAFT SEAL**
[54] **BAGUE D'ETANCHEITE D'ARBRE**
[72] TSIBERIDIS, KONSTANTINOS, DE
[71] GV ENGINEERING GMBH, DE
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[25] EN
[54] **SELF-POWERED CURRENT SENSING SWITCH WITH DIGITAL SETPOINT**
[54] **INTERRUPTEUR DETECTEUR DE COURANT AUTO-ALIMENTE A POINT DE CONSIGNE NUMERIQUE**
[72] NGUYEN, HUY D., US
[72] LEE, TOM LIK-CHUNG, US
[71] NEILSEN-KULJIAN, INC., US
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[25] EN
[54] **CRYSTALLINE FORMS OF THERAPEUTIC COMPOUNDS AND USES THEREOF**
[54] **FORMES CRISTALLINES DE COMPOSES THERAPEUTIQUES ET UTILISATIONS DE CELLES-CI**
[72] ENLOW, ELIZABETH M., US
[72] NGUYEN, MINH NGOC, US
[72] ONG, WINSTON Z., US
[71] KALA PHARMACEUTICALS, INC., US
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[54] **OPTIMAL MAIZE LOCI**
[54] **LOCI OPTIMAUX DE MAIS**
[72] SASTRY-DENT, LAKSHMI, US
[72] CAO, ZEHUI, US
[72] SRIRAM, SHREEDHARAN, US
[72] WEBB, STEVEN R., US
[72] CAMPER, DEBRA L., US
[72] ELANGO, NAVIN, US
[71] DOW AGROSCIENCES LLC, US
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[25] EN
[54] **DIRECTIONAL TOUCH UNLOCKING FOR ELECTRONIC DEVICES**
[54] **DEVERROUILLAGE TACTILE DIRECTIONNEL POUR DISPOSITIFS ELECTRONIQUES**
[72] KUSCHER, ALEXANDER FRIEDRICH, US
[72] WARR, ANDREW, US
[71] GOOGLE INC., US
[85] 2016-04-22
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[51] **Int.Cl. H01M 2/10 (2006.01) H01M 10/653 (2014.01)**
[25] FR
[54] **ENERGY STORAGE MODULE, INCLUDING A PLURALITY OF ENERGY STORAGE ASSEMBLIES**
[54] **MODULE DE STOCKAGE D'ENERGIE, COMPRENANT UNE PLURALITE D'ENSEMBLES DE STOCKAGE D'ENERGIE**
[72] LE GALL, LAURENT, FR
[72] JUVENTIN, ANNE-CLAIRE, FR
[71] BLUE SOLUTIONS, FR
[85] 2016-04-25
[86] 2014-11-19 (PCT/EP2014/075059)
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[51] **Int.Cl. G01V 3/30 (2006.01)**
[25] EN
[54] **FRACTURE DIAGNOSIS USING ELECTROMAGNETIC METHODS**
[54] **DIAGNOSTIC DE FRACTURE UTILISANT DES PROCEDES ELECTROMAGNETIQUES**
[72] SHARMA, MUKUL M., US
[72] BASU, SAPTASWA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-04-22
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[30] US (61/901,863) 2013-11-08

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[25] EN
[54] **NOVEL ANTI-CLAUDIN ANTIBODIES AND METHODS OF USE**
[54] **NOUVEAUX ANTICORPS ANTI-CLAUDINE ET LEURS METHODES D'UTILISATION**
[72] SANTAGUIDA, MARIANNE, US
[72] AUJAY, MONETTE, US
[72] SAUNDERS, LAURA, US
[72] LIU, DAVID, US
[72] FOORD, ORIT, US
[72] STULL, ROBERT A., US
[72] ESCARPE, PAUL ANTHONY, US
[71] STEMCENTRX, INC., US
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[30] US (61/900,916) 2013-11-06

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[25] EN
[54] **PYRROLO[1,2-F][1,2,4]TRIAZINES USEFUL FOR TREATING RESPIRATORY SYNCITIAL VIRUS INFECTIONS**
[54] **PYRROLO [1,2,F] [1,2,4] TRIAZINES UTILES POUR LE TRAITEMENT D'INFECTIONS PAR LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
[72] DOERFFLER, EDWARD, US
[72] MACKMAN, RICHARD L., US
[72] SIEGEL, DUSTIN, US
[71] GILEAD SCIENCES, INC., US
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[86] 2014-11-06 (PCT/US2014/064412)
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[25] EN
[54] **METHOD FOR THE MANAGEMENT OF CANCER AND CANCER TREATMENT-RELATED COMORBIDITIES**
[54] **PROCEDE DE GESTION DU CANCER ET TRAITEMENT DE COMORBIDITES DU CANCER**
[72] HARTI, SAAD, CH
[72] LIU, JIAWEI, CH
[71] LEGACY HEALTHCARE LTD, MT
[85] 2016-04-25
[86] 2014-11-07 (PCT/EP2014/074048)
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[30] US (61/901,631) 2013-11-08

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[51] **Int.Cl. B26D 1/62 (2006.01) B26D 1/36 (2006.01) B26D 1/40 (2006.01) B26D 3/28 (2006.01) B26D 7/06 (2006.01) B26D 7/26 (2006.01)**
[25] EN
[54] **KNIFE ASSEMBLY FOR CORRUGATED KNIFE BLADE AND CUTTING SYSTEM EQUIPPED WITH SAME**
[54] **ENSEMBLE COUTEAU POUR LAME DE COUTEAU ONDULEE ET SYSTEME DE COUPE EQUIPE DE CELUI-CI**
[72] BUCKS, BRENT, US
[71] FAM, BE
[85] 2016-04-25
[86] 2014-11-21 (PCT/EP2014/075275)
[87] (WO2015/075180)
[30] US (61/907,073) 2013-11-21
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[51] **Int.Cl. B60L 11/18 (2006.01)**
[25] EN
[54] **INDUCTIVE POWER TRANSFER FOR TRANSFERRING ELECTRIC ENERGY TO A VEHICLE**
[54] **TRANSFERT D'ENERGIE PAR INDUCTION POUR TRANSFERER DE L'ENERGIE ELECTRIQUE A UN VEHICULE**
[72] LANNOIJE, MARNIX, BE
[72] CZAINSKI, ROBERT, PL
[72] ANDERS, DOMINIK, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
[85] 2016-04-25
[86] 2014-12-05 (PCT/EP2014/076798)
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[30] GB (1321575.1) 2013-12-06

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[25] EN
[54] **AN AEROSOL-GENERATING DEVICE, AND A CAPSULE FOR USE IN AN AEROSOL-GENERATING DEVICE**
[54] **DISPOSITIF DE PRODUCTION D'AEROSOL ET CAPSULE DESTINEE A UN DISPOSITIF DE PRODUCTION D'AEROSOL**
[72] MIRONOV, OLEG, CH
[72] THORENS, MICHEL, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-04-25
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[25] EN
[54] **APPARATUS FOR PRODUCING CONTAINER PRODUCTS FROM PLASTIC MATERIAL**
[54] **DISPOSITIF DE FABRICATION DE PRODUITS DE TYPE RECIPIENT A PARTIR D'UN MATERIAU SYNTHETIQUE**
[72] SAUTER, ROLAND, DE
[72] GESER, JOHANNES, DE
[72] SPALLEK, MICHAEL, DE
[71] KOCHER-PLASTIK MASCHINENBAU GMBH, DE
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[25] EN
[54] **SYNTACTIC POLYURETHANE ELASTOMERS BASED ON LOW UNSATURATION POLYOLS FOR USE IN SUBSEA PIPELINE INSULATION**
[54] **ELASTOMERES DE POLYURETHANE SYNTACTIQUE A BASE DE POLYOLS FAIBLEMENT INSATURES DESTINES A ETRE UTILISES DANS L'ISOLATION DE CANALISATIONS SOUS-MARINES**
[72] GELFER, MIKHAIL Y., US
[72] STEPHENSON, AMBER, US
[72] MINNIKANTI, VENKAT S., US
[72] BROWN, MARK, US
[72] VYAKARANAM, KAMESH, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-04-25
[86] 2014-10-21 (PCT/US2014/061598)
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[25] EN
[54] **SYNTACTIC POLYURETHANE ELASTOMERS HAVING DISTINCT MORPHOLOGY FOR USE IN SUBSEA PIPELINE INSULATION**
[54] **ELASTOMERES DE POLYURETHANE SYNTACTIQUE AYANT UNE MORPHOLOGIE DISTINCTE POUR L'UTILISATION DANS L'ISOLATION DE CONDUITES SOUS-MARINES**
[72] GELFER, MIKHAIL Y., US
[72] STEPHENSON, AMBER, US
[72] MINNIKANTI, VENKAT S., US
[72] BROWN, MARK, II, US
[72] WHELAN, MARK R., GB
[72] RAGHURAMAN, ARJUN A., GB
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-04-25
[86] 2014-10-21 (PCT/US2014/061602)
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[25] EN
[54] **SYNTACTIC POLYURETHANE ELASTOMER BASED ON SOFT SEGMENT PREPOLYMER AND NON-MERCURY CATALYST FOR USE IN SUBSEA PIPELINE INSULATION**
[54] **ELASTOMERE DE POLYURETHANE SYNTACTIQUE A BASE DE PREPOLYMERE A SEGMENTS SOUPLES ET CATALYSEUR SANS MERCURE DESTINE A ETRE UTILISE DANS L'ISOLATION DE PIPELINE SOUS-MARIN**
[72] GELFER, MIKHAIL Y., US
[72] STEPHENSON, AMBER, US
[72] BROWN, MARK, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-04-25
[86] 2014-10-21 (PCT/US2014/061605)
[87] (WO2015/065772)
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[51] **Int.Cl. H03M 1/18 (2006.01) H03M 1/34 (2006.01)**
[25] EN
[54] **MULTIPLE CHANNEL MATCHING METHOD**
[54] **METHODE DE MISE EN CORRESPONDANCE DE MULTIPLES CANAUX**
[72] GOSSAGE, KIRK, US
[71] THORLABS, INC., US
[85] 2016-04-25
[86] 2014-10-22 (PCT/US2014/061756)
[87] (WO2015/065786)
[30] US (61/898,099) 2013-10-31

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[51] **Int.Cl. B65C 1/02 (2006.01) B65C 9/46 (2006.01)**
[25] EN
[54] **LABELLING DEVICE, LABELLING SYSTEM AND METHOD FOR AFFIXING A LABEL TO A PRODUCT**
[54] **DISPOSITIF D'ETIQUETAGE, SYSTEME D'ETIQUETAGE ET PROCEDE POUR MUNIR UN PRODUIT D'UNE ETIQUETTE**
[72] WOLFF, PETER, DE
[71] ESPERA-WERKE GMBH, DE
[85] 2016-04-25
[86] 2015-01-09 (PCT/EP2015/050300)
[87] (WO2015/121003)
[30] DE (10 2014 001 741.9) 2014-02-11

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[13] A1
[51] **Int.Cl. A61K 9/72 (2006.01) A61K 31/167 (2006.01) A61K 31/58 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING DRY POWDER INHALATION COMPOSITIONS**
[54] **PROCEDE PERMETTANT DE PREPARER DES COMPOSITIONS D'INHALATION DE POUDRE SECHE**
[72] MATTILA, TERHI, FI
[72] HAPPONEN, ANITA, FI
[72] HAIKARAINEN, JUSSI, FI
[71] ORION CORPORATION, FI
[85] 2016-04-25
[86] 2014-12-05 (PCT/FI2014/000038)
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[13] A1
[51] **Int.Cl. F02C 7/20 (2006.01) B64D 27/20 (2006.01) B64D 27/26 (2006.01) F02C 7/32 (2006.01)**
[25] FR
[54] **TURBINE ENGINE PROVIDED WITH MEANS FOR ABSORBING STRESSES FROM THE THRUST OF THE ENGINE THEREOF**
[54] **TURBOMACHINE EQUIPEE DE MOYENS DE REPRISE DES EFFORTS DE POUSSEE DE SON MOTEUR**
[72] FERT, JEREMY EDMOND, FR
[72] ANCUTA, CARMEN, FR
[71] SNECMA, FR
[85] 2016-04-25
[86] 2014-11-06 (PCT/FR2014/052847)
[87] (WO2015/067906)
[30] FR (1360904) 2013-11-07

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[13] A1
[51] **Int.Cl. A61K 47/36 (2006.01) A61K 38/08 (2006.01)**
[25] EN
[54] **DELIVERY OF DRUGS**
[54] **ADMINISTRATION DE MEDICAMENTS**
[72] UCHEGBU, IJEOMA, GB
[72] SCHATZLEIN, ANDREAS, GB
[72] GODFREY, LISA, GB
[72] LALATSA, KATERINA, GB
[72] IANNITELLI, ANTONIO, GB
[71] NANOMERICS LTD, GB
[85] 2016-04-25
[86] 2014-11-03 (PCT/GB2014/053254)
[87] (WO2015/063510)
[30] GB (1319437.8) 2013-11-04

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[13] A1
[51] **Int.Cl. H04R 3/04 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **ADAPTIVE FREQUENCY RESPONSE, ADAPTIVE AUTOMATIC LEVEL CONTROL AND HANDLING RADIO COMMUNICATIONS FOR A HEARING PROTECTOR**
[54] **REPONSE EN FREQUENCE ADAPTATIVE, COMMANDE DE NIVEAU AUTOMATIQUE ADAPTATIVE ET GESTION DE COMMUNICATIONS RADIO POUR UNE PROTECTION AUDITIVE**
[72] FLETCHER, DOUGLAS D., US
[72] HEMBERG, OSCAR M., SE
[72] HEMBERG, ERIC O., CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-04-25
[86] 2014-10-27 (PCT/US2014/062353)
[87] (WO2015/065882)
[30] US (61/896,537) 2013-10-28
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[13] A1
[51] **Int.Cl. C09K 8/52 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **PREVENTION OF GAS HYDRATES FORMATION IN BOP FLUIDS IN DEEP WATER OPERATIONS**
[54] **PREVENTION DE LA FORMATION D'HYDRATES GAZEUX DANS DES FLUIDES BOP LORS D'OPERATIONS EN EAUX PROFONDES**
[72] BARR, AARON, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2016-04-25
[86] 2014-10-28 (PCT/IB2014/002968)
[87] (WO2015/063603)
[30] US (61/897,727) 2013-10-30

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[51] **Int.Cl. C07K 14/435 (2006.01) A61K 38/38 (2006.01) A61K 39/00 (2006.01) A61K 47/48 (2006.01) C07K 14/765 (2006.01)**
[25] EN
[54] **ALBUMIN VARIANTS AND USES THEREOF**
[54] **VARIANTS D'ALBUMINE ET UTILISATIONS DE CEUX-CI**
[72] ANDERSEN, JAN TERJE, NO
[72] SANDLIE, INGER, NO
[72] BERN, MALIN, NO
[71] UNIVERSITY OF OSLO, NO
[85] 2016-04-25
[86] 2014-10-31 (PCT/IB2014/003002)
[87] (WO2015/063611)
[30] US (61/898,523) 2013-11-01
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[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01)**
[25] EN
[54] **NMDA RECEPTOR MODULATORS AND PRODRUGS, SALTS, AND USES THEREOF**
[54] **MODULATEURS DU RECEPTEUR NMDA ET PROMEDICAMENTS, SELS ET UTILISATIONS DE CES DERNIERS**
[72] KHAN, M. AMIN, US
[71] NAUREX INC., US
[85] 2016-04-25
[86] 2014-10-27 (PCT/US2014/062367)
[87] (WO2015/065891)
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[51] **Int.Cl. A61K 31/47 (2006.01) A61K 31/216 (2006.01) A61K 31/4184 (2006.01) A61K 31/4422 (2006.01) A61K 31/4515 (2006.01) A61K 31/4706 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61P 9/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING OR PREVENTING VASCULAR DISEASES OF THE RETINA**
[54] **PROCEDES POUR TRAITER OU PREVENIR DES MALADIES VASCULAIRES DE LA RETINE**
[72] SMITH, LOIS, US
[72] SHAO, ZHUO, CA
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2016-04-25
[86] 2014-10-24 (PCT/US2014/062131)
[87] (WO2015/061658)
[30] US (61/895,851) 2013-10-25

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[51] **Int.Cl. A01K 77/00 (2006.01) B21D 7/08 (2006.01)**
[25] EN
[54] **FISHING NET AND METHOD OF MANUFACTURING SAME**
[54] **FILET DE PECHE ET SON PROCEDE DE FABRICATION**
[72] KUDNER, DONALD, US
[71] DRIFTER MARINE, INC., US
[85] 2016-04-25
[86] 2014-10-28 (PCT/US2014/062494)
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[30] US (61/897,256) 2013-10-30

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[13] A1
[51] **Int.Cl. B01D 39/16 (2006.01)**
[25] EN
[54] **MELT-BLOWN DEPTH FILTER CARTRIDGE**
[54] **CARTOUCHE DE FILTRE EN PROFONDEUR OBTENUE PAR FUSION-SOUFFLAGE**
[72] STIFTER, TRAVIS GERALD, US
[72] AUNE, THOMAS MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-04-25
[86] 2014-11-05 (PCT/US2014/064125)
[87] (WO2015/069765)
[30] US (61/900,702) 2013-11-06

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **CORRELATED DISPLAY OF BIOMETRIC IDENTITY, FEEDBACK AND USER INTERACTION STATE**
[54] **AFFICHAGE CORRELE D'UNE IDENTITE BIOMETRIQUE, D'INFORMATIONS DE RETOUR ET D'UN ETAT D'INTERACTION D'UTILISATEURS**
[72] SMITH, ROBERT MITCHELL, US
[72] YANG, EMILY M., US
[72] WHEELER, JOSEPH, US
[72] PAOLANTONIO, SERGIO, US
[72] CHEN, XIAOJI, US
[72] SANDERSON, ERIC C., US
[72] CARTER, CALVIN KENT, US
[72] KLEIN, CHRISTIAN, US
[72] SCHWESINGER, MARK D., US
[72] YU, RITA A., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-04-25
[86] 2014-11-07 (PCT/US2014/064485)
[87] (WO2015/069981)
[30] US (61/902,141) 2013-11-08
[30] US (14/279,819) 2014-05-16

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01)**
[25] EN
[54] **ENDOGLIN PEPTIDES TO TREAT FIBROTIC DISEASES**
[54] **PEPTIDES D'ENDOGLINE POUR TRAITER DES MALADIES FIBROTIQUES**
[72] GRINBERG, ASYA, US
[72] CASTONGUAY, ROSELYNE, US
[72] WERNER, ERIC, US
[72] KUMAR, RAVINDRA, US
[71] ACCELERON PHARMA, INC., US
[85] 2016-04-25
[86] 2014-10-24 (PCT/US2014/062147)
[87] (WO2015/061666)
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[13] A1
[51] **Int.Cl. G01B 11/16 (2006.01)**
[25] EN
[54] **SPATIAL PHASE-SHIFT SHEAROGRAPHY SYSTEM FOR NON-DESTRUCTIVE TESTING AND STRAIN MEASUREMENT**
[54] **SYSTEME SHEAROGRAPHIQUE A DEPHASAGE SPATIAL POUR EXTENSOMETRIE**
[72] YANG, LIANXIANG, US
[72] XIE, XIN, US
[72] XUE, NAN, US
[72] CHEN, XU, US
[71] OAKLAND UNIVERSITY, US
[85] 2016-04-25
[86] 2014-10-28 (PCT/US2014/062610)
[87] (WO2015/065999)
[30] US (61/896,391) 2013-10-28

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **METHODS OF USING INTERLEUKIN-10 FOR TREATING DISEASES AND DISORDERS**
[54] **METHODES D'UTILISATION DE L'INTERLEUKINE-10 POUR LE TRAITEMENT DE MALADIES ET DE TROUBLES**
[72] MUMM, JOHN BRIAN, US
[72] CHAN, IVAN HO, US
[72] OFT, MARTIN, US
[71] ARMO BIOSCIENCES, INC., US
[85] 2016-04-25
[86] 2014-11-07 (PCT/US2014/064620)
[87] (WO2015/070060)
[30] US (61/902,702) 2013-11-11

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[13] A1
[51] **Int.Cl. G02B 21/00 (2006.01) G02B 21/24 (2006.01)**
[25] EN
[54] **COMPACT MICROSCOPE**
[54] **MICROSCOPE COMPACT**
[72] KAPANIDIS, ACHILLEFS, GB
[72] JING, BO, GB
[72] CRAWFORD, ROBERT, GB
[71] ISIS INNOVATION LTD., GB
[85] 2016-04-25
[86] 2014-10-27 (PCT/IB2014/065639)
[87] (WO2015/059682)
[30] GB (1318919.6) 2013-10-25

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[13] A1
[51] **Int.Cl. G06F 3/041 (2006.01)**
[25] EN
[54] **FEEDBACK SYSTEM FOR BRACE-BASED EQUIPMENT**
[54] **SYSTEME DE RETROACTION POUR UN EQUIPEMENT BASE SUR UN APPAREIL ORTHOPEDIQUE**
[72] DELUKE, LEVI, US
[72] SU, ELLEN, US
[72] MONZON, SEBASTIAN, US
[71] WELLINKS INC., US
[85] 2016-04-25
[86] 2014-10-29 (PCT/US2014/062774)
[87] (WO2015/066110)
[30] US (61/896,993) 2013-10-29

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[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **AGGREGATING AND PRESENTING EVENT INFORMATION**
[54] **COLLECTE ET PRESENTATION D'INFORMATIONS RELATIVES A UN EVENEMENT**
[72] LIM, MELISSA N., US
[72] JENSEN, TYLER N., US
[72] CALLEGARI, SHAWN, US
[72] FREW, JARED J., US
[72] CHUDZIK, TERRI L., US
[72] GUPTA, ASHISH, US
[72] XIA, RENLE, US
[72] BRUSH, ALICE JANE, US
[72] SCHRADER, JOSEPH A., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-04-25
[86] 2014-11-10 (PCT/US2014/064715)
[87] (WO2015/073338)
[30] US (14/078,461) 2013-11-12

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[13] A1
[51] **Int.Cl. H01B 11/22 (2006.01)**
[25] EN
[54] **COMPOSITE COMMUNICATIONS CABLE**
[54] **CABLE DE TELECOMMUNICATIONS COMPOSITE**
[72] BURKE, MICHAEL J., US
[72] RAINVILLE, MICHAEL R., US
[72] GREENE, KATIE A., US
[72] SKOCYPEC, BRIAN P., US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2016-04-25
[86] 2014-10-24 (PCT/US2014/062181)
[87] (WO2015/065845)
[30] US (14/067,366) 2013-10-30

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[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) B65D 65/46 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **BIODEGRADABLE SHEET**
[54] **FEUILLE BIODEGRADABLE**
[72] NISSENBAUM, DAPHNA, IL
[72] NEUMAN, TAL, IL
[72] PELLED, DORI, IL
[72] GARTY, SHAI, IL
[72] KONIECZNY, NILI, IL
[71] TIPA CORP. LTD, IL
[85] 2016-04-25
[86] 2014-10-27 (PCT/IL2014/050927)
[87] (WO2015/059709)
[30] US (61/896,087) 2013-10-27

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[54] **CABLES DE DONNEES AYANT UNE BANDE INTUMESCENTE**
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[72] BROWN, SCOTT M., US
[72] CULLIGAN, SEAN W., US
[72] THWAITES, STEPHEN A., US
[72] LIU, JIANMIN, US
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[54] **METHODS OF TREATING AND PREVENTING GRAFT VERSUS HOST DISEASE**
[54] **METHODES DE TRAITEMENT ET DE PREVENTION D'UNE MALADIE DU GREFFON CONTRE L'HOTE**
[72] BYRD, JOHN C., US
[72] DUBOVSKY, JASON A., US
[72] MUTHUSAMY, NATARAJAN, US
[72] JOHNSON, AMY JO, US
[72] MIKLOS, DAVID, US
[71] PHARMACYCLICS LLC, US
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[54] **FILTRATION MONITORING SYSTEM**
[54] **SYSTEME DE CONTROLE DE FILTRAGE**
[72] BEIER, MICHAEL B., US
[71] BEIER, MICHAEL B., US
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[54] **SYSTEMS AND METHODS FOR INCREASED VITAMIN D3 PRODUCTION**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION ACCRUE DE VITAMINE D3**
[72] MOFFAT, WILLIAM A., US
[71] BENESOL, INC., US
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[54] **METHOD FOR SCALABLE SKELETAL MUSCLE LINEAGE SPECIFICATION AND CULTIVATION**
[54] **PROCEDE DESTINE A SPECIFIER ET CULTIVER UNE LIGNEE DE MUSCLE SQUELETTIQUE EVOLUTIVE**
[72] GENOVESE, NICHOLAS J., US
[72] ROBERTS, R. MICHAEL, US
[72] TELUGU, BHANU PRAKASH V. L., US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[71] PEOPLE FOR THE ETHICAL TREATMENT OF ANIMALS, US
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[54] **MATERIAUX CONTENANT DE LA RESILINE RETICULEE**
[72] SHOSEYOV, ODED, IL
[72] MEIROVITCH, SIGAL, IL
[72] LAPIDOT, SHAUL, IL
[72] RIVKIN, AMIT, IL
[71] COLLPLANT LTD., IL
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[54] **FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY**
[54] **POLYMERES STYRENIQUES EXPANSES CONTENANT UN COPOLYMERE STYRENE-BUTADIENE BROME ET PRESENTANT UNE HOMOGENEITE DE TAILLE DE CELLULE AMELIOREE**
[72] MATSUE, KENJI, JP
[72] NISHIOKA, NAGANORI, JP
[72] SHIRAKAWA, YOSHIHIRO, JP
[72] HOOD, LAWRENCE S., US
[72] KRAM, SHARI L., US
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[72] LUNDY, JUSTIN, US
[71] EVIDENT.IO, INC., US
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[54] **COMPETITIVE LIGAND BINDING ASSAY FOR DETECTING NEUTRALIZING ANTIBODIES**
[54] **DOSAGE DE LIAISON DE LIGAND COMPETITIF POUR DETECTER DES ANTICORPS NEUTRALISANTS**
[72] RAJADHYAKSHA, MANOJ, US
[72] SHYU, GARY, US
[72] GEORGAROS, CAMILLE, US
[72] PARTRIDGE, MICHAEL, US
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[25] EN
[54] **COMPOSITIONS AND DEVICES OF POLY-4-HYDROXYBUTYRATE**
[54] **COMPOSITIONS ET DISPOSITIFS EN POLY-4-HYDROXYBUTYRATE**
[72] MARTIN, DAVID P., US
[72] WILLIAMS, SIMON F., US
[71] TEPHA, INC., US
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[54] **DETERMINATION DES CONTRAINTES DANS UN TUBE SOUS L'EFFET DE CHARGES EXTERIEURES NON UNIFORMES**
[72] MITCHELL, ROBERT FRANKLIN, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **VENTILATING BITE BLOCK FOR USE IN ENDOSCOPY PROCEDURES**
[54] **PIECE DE MORSURE A VENTILATION DESTINE A ETRE UTILISE DANS DES INTERVENTIONS D'ENDOSCOPIE**
[72] GOUDRA, BASAVANA GOUDA BHARAMANA, US
[72] GOUDA, DIVAKARA, US
[71] GOUDRA, BASAVANA GOUDA BHARAMANA, US
[71] GOUDA, DIVAKARA, US
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[25] EN
[54] **SYSTEM AND METHOD FOR INDICATING QUEUE CHARACTERISTICS OF ELECTRONIC TERMINALS**
[54] **SYSTEME ET PROCEDE D'INDICATION DE CARACTERISTIQUES DE FILES D'ATTENTE DE TERMINAUX ELECTRONIQUES**
[72] ABBOUD, ISSA, US
[72] HOGG, WILLIAM, GB
[71] WAL-MART STORES, INC., US
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[54] **INHALED AEROSOLIZED IMMUNO-CHEMOTHERAPY FOR THE TREATMENT OF MDR TB**
[54] **IMMUNO-CHIMIOTHERAPIE PAR AEROSOL INHALEE POUR LE TRAITEMENT DE LA TUBERCULOSE MULTI-RESISTANTE (MDR TB)**
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[72] BHARDWAJ, SANJAY B., US
[71] INSPIRX LLC, US
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[54] **GESTION D'INSULINE**
[72] BOOTH, ROBERT C., US
[72] HEBBLEWHITE, HARRY, US
[71] ASEKO, INC., US
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[54] **CORRECTION AUTOMATIQUE DE TRAITS DE SCIE POUR MODELISATION NUMERIQUE DE CAROTTE 3D A PARTIR D'IMAGES DE TOMODENSITOMETRE (TDM)**
[72] MEZGHANI, MOKHLES MUSTAPHA, SA
[71] SAUDI ARABIAN OIL COMAPNY, SA
[85] 2016-04-25
[86] 2014-11-19 (PCT/US2014/066313)
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[54] **LUMPED DATA MODELING OF TOOL JOINT EFFECTS IN UNDERBALANCED DRILLING**
[54] **MODELISATION DE DONNEES GROUPEES D'EFFETS DE RACCORDS DE TIGES DANS UN FORAGE DESEQUILIBRE**
[72] SAMUEL, ROBELLO, US
[72] HUANG, XIAOQIAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **BRIDLE CATHETER**
[54] **CATHETER A BRIDE**
[72] PHILLIPS, GRANT WESLEY, US
[72] WILLIAMS, DEREK M., US
[72] CALHOUN, MATTHEW, US
[72] PICHA, GEORGE J., US
[71] APPLIED MEDICAL TECHNOLOGY, INC., US
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[25] EN
[54] **SUSPENSION AND CLUSTERING OF HUMAN PLURIPOTENT STEM CELLS FOR DIFFERENTIATION INTO PANCREATIC ENDOCRINE CELLS**
[54] **MISE EN SUSPENSION ET REGROUPEMENT DE CELLULES SOUCHES PLURIPOTENTES HUMAINES POUR LA DIFFERENCIATION EN CELLULES ENDOCRINES PANCREATIQUES**
[72] FRYER, BENJAMIN, US
[72] LANIAUSKAS, DAINA, US
[72] BLACKMOORE, MARCIA, US
[72] WANG, HAIYUN, US
[72] LILOVA, KOSTADINKA, US
[72] NELSON, SHELLEY, US
[72] ROSOCHA, ELIZABETH, US
[71] JANSSEN BIOTECH, INC., US
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[54] **OUTIL A EVASER PORTATIF**
[72] HASENBERG, MARK J., US
[72] PITTS, LOGAN D., US
[71] AMERICAN GREASE STICK COMPANY, US
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[54] **PUSH-TO-CONNECT FITTING**
[54] **RACCORD INSTANTANE**
[72] BOBO, DAVID, US
[72] PHELPS, DAVID, US
[72] LAFORTUNE, JAMES, US
[72] OLDSEN, DEREK, US
[71] NIBCO INC., US
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[54] **COMPOSITIONS AND METHODS FOR PRODUCING GENETICALLY MODIFIED ANIMALS**
[54] **COMPOSITIONS ET PROCEDES POUR LA PRODUCTION D'ANIMAUX GENETIQUEMENT MODIFIES**
[72] KOENTGEN, FRANK, AU
[71] OZGENE HOLDINGS PTY LTD, AU
[85] 2016-04-26
[86] 2014-11-07 (PCT/AU2014/050339)
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[30] AU (2013904307) 2013-11-07
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[25] EN
[54] **VAPOR GENERATOR INCLUDING WIRE MESH HEATING ELEMENT**
[54] **GENERATEUR DE VAPEUR COMPRENANT UN ELEMENT DE CHAUFFAGE EN MAILLE METALLIQUE**
[72] DE LUCA, NICHOLAS P., US
[71] DE LUCA OVEN TECHNOLOGIES, LLC, US
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[54] **METHOD AND APPARATUS FOR REMOVING UNDERWATER PLATFORMS**
[54] **PROCEDE ET APPAREIL DESTINE A L'ELIMINATION D'UNE PLATEFORME SUBAQUATIQUE**
[72] KHACHATURIAN, JON, US
[71] KHACHATURIAN, JON, US
[85] 2016-04-25
[86] 2014-10-30 (PCT/US2014/063149)
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[54] **A SYSTEM AND METHOD FOR IN SITU SETTLEMENT AND RECRUITMENT OF SHELLFISH AND DEVELOPING REEF**
[54] **SYSTEME ET PROCEDE D'INSTALLATION ET DE RECRUTEMENT IN SITU DE MOLLUSQUES ET DE DEVELOPPEMENT D'UN RECIF**
[72] MATTHEWS, PAUL CHANDLER, III, US
[72] DANFORTH, PETER ELLIOT, US
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[25] EN
[54] **FIBROUS ELEMENTS COMPRISING AN ACRYLAMIDE-BASED COPOLYMER AND FIBROUS STRUCTURES EMPLOYING SAME**
[54] **ELEMENTS FIBREUX COMPRENANT UN COPOLYMERE A BASE D'ACRYLAMIDE, ET STRUCTURES FIBREUSES LES EMPLOYANT**
[72] MCKEE, MATTHEW GARY, US
[72] GORDON, GREGORY CHARLES, US
[72] KLEINWAECHTER, JOERG, US
[72] SIVIK, MARK ROBERT, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ENSEMBLE CHASSIS DE GLISSEMENT DE MOTONEIGE**
[72] BEAVIS, ANDREW, US
[71] ARCTIC CAT INC., US
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[25] EN
[54] **A DEVICE, SYSTEM AND METHOD FOR RECIRCULATION OF WATER AND ENERGY GENERATION**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DESTINES A LA REMISE EN CIRCULATION D'EAU ET A LA PRODUCTION D'ENERGIE**
[72] JAHANGIR, REZA, AF
[71] BAMYAN TECHNOLOGIES LLC, US
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[54] **EXTRACTS FROM PLANTS OF THE MORINGACEAE FAMILY AND METHODS OF MAKING**
[54] **EXTRAITS DE PLANTES DE LA FAMILLE DES MORINGACEAE ET PROCEDES DE FABRICATION**
[72] RASKIN, ILYA, US
[72] WATERMAN, CARRIE, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2016-04-25
[86] 2014-10-30 (PCT/US2014/063178)
[87] (WO2015/066339)
[30] US (61/898,795) 2013-11-01
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[54] **METHOD OF VIDEO CODING USING PREDICTION BASED ON INTRA PICTURE BLOCK COPY**
[54] **PROCEDE DE CODAGE VIDEO UTILISANT LA PREDICTION BASEE SUR UNE COPIE INTRA-BLOC D'UNE IMAGE**
[72] LIU, SHAN, US
[72] XU, XIAOZHONG, US
[71] MEDIATEK SINGAPORE PTE. LTD., SG
[85] 2016-04-26
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[25] EN
[54] **HUMAN RELAXIN ANALOGUE, PHARMACEUTICAL COMPOSITION OF SAME, AND PHARMACEUTICAL APPLICATION OF SAME**
[54] **ANALOGUE DE LA RELAXINE HUMAINE, SA COMPOSITION PHARMACEUTIQUE, ET SON APPLICATION PHARMACEUTIQUE**
[72] ZHANG, LIANSHAN, CN
[72] LIU, JIAJIAN, CN
[72] CAO, GUOQING, CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2016-04-26
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[54] **TWIN WATER-DRAINAGE VALVE INNER CORE TUBE STARTING APPARATUS**
[54] **APPAREIL DE DEBUT DE TUBE DE C□UR INTERNE POUR CLAPET DOUBLE DE PURGE D'EAU**
[72] LIU, YONGMAO, CN
[71] LAB (XIAMEN) SANITARY FITTINGS INC, CN
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[54] **METHODS FOR ENHANCING IMMUNOSUPPRESSIVE THERAPY BY MULTIPLE ADMINISTRATION OF ALPHA BETA TCR-BINDING POLYPEPTIDE**
[54] **PROCEDES D'AMELIORATION DE THERAPIE IMMUNO-SUPPRESSIVE PAR DES ADMINISTRATIONS MULTIPLES DE POLYPEPTIDE DE LIAISON AU TCR ALPHA-BETA**
[72] BLANK, GREGOR, DE
[72] HANDGRETINGER, RUPERT, DE
[72] SCHILBACH, KARIN, DE
[72] LACORCIA, GINA, US
[72] SNELL, DANIEL, CH
[72] MENRAD, ANDREAS, DE
[71] GENZYME CORPORATION, US
[71] CHILDREN'S UNIVERSITY HOSPITAL TUBINGEN, DE
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[54] **EXTENSIBLE PALLET ROTATION APPARATUS**
[54] **APPAREIL EXTENSIBLE POUR ROTATION DE PALETTES**
[72] BROWN, MONTE, US
[71] BROWN, MONTE, US
[85] 2016-04-26
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ADMINISTRATION OF AN ENZYME TO A SUBJECT'S AIRWAY**
[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION D'UN ENZYME DANS LES VOIES RESPIRATOIRES D'UN SUJET**
[72] WILLIAMS, ROBERT, O., III, US
[72] IDELL, STEVEN, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-04-25
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[25] EN
[54] **SURFACE-COATED BORON NITRIDE SINTERED BODY TOOL**
[54] **OUTIL FRITTE EN NITRURE DE BORE AVEC REVETEMENT DE SURFACE**
[72] TSUKIHARA, NOZOMI, JP
[72] SETOYAMA, MAKOTO, JP
[72] OKAMURA, KATSUMI, JP
[71] SUMITOMO ELECTRIC HARDMETAL CORP., JP
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING THE HALF-LIFE OF FACTOR XA**
[54] **COMPOSITIONS ET METHODES PERMETTANT D'AUGMENTER LA DEMI-VIE DU FACTEUR XA**
[72] CAMIRE, RODNEY M., US
[72] THALJI, NABIL K., US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2016-04-25
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[54] **CONNECTOR**
[54] **RACCORD EQUIPE D'UN ELEMENT D'ETANCHEITE ET DE PARTIES DE RACCORD ADAPTEES**
[72] WEBER, TOBIAS, DE
[72] BERLICH, ROBERT, DE
[72] MAGER, GERHARD, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[25] EN
[54] **SMELTING APPARATUS AND METHOD OF USING THE SAME**
[54] **APPAREIL DE FUSION ET SON PROCEDE D'UTILISATION**
[72] COX, IAN, US
[72] DI CESARE, ENRICO, CA
[71] NSGI TECHNOLOGIES INC., CA
[85] 2016-03-17
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[25] FR
[54] **PROCESS FOR SEPARATING A PAIR FORMED BY A SURFACTANT AND AT LEAST ONE ION**
[54] **PROCEDE DE SEPARATION D'UN COUPLE FORME PAR UN TENSIOACTIF ET AU MOINS UN ION**
[72] MICHEAU, CYRIL, FR
[72] BAUDUIN, PIERRE, FR
[72] DIAT, OLIVIER, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **SYSTEME ET PROCEDE DE SUIVI**
[72] AWAD, TROY, AU
[72] VILINSKIS, ARRON, AU
[71] INFESTATION TRACKING SYSTEMS PTY. LTD., AU
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[25] EN
[54] **SYNTHESIS AND USE OF METALLIZED POLYHEDRAL OLIGOMERIC SILSEQUIOXANE CATALYST COMPOSITIONS**
[54] **SYNTHESE ET UTILISATION DE COMPOSITIONS CATALYSANTES DE SILSESQUIOXANES OLIGOMERES POLYEDRIQUES METALLISES**
[72] KLEIN, RENE ALEXANDER, BE
[72] MARINUS, CHRISTINA, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2016-04-26
[86] 2014-08-07 (PCT/EP2014/067010)
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF DRUG FORMULATIONS FOR ORAL ADMINISTRATION**
[54] **PROCEDE DE PRODUCTION DE FORMULATIONS MEDICAMENTEUSES POUR UNE ADMINISTRATION PAR VOIE ORALE**
[72] ALBAYRAK, CELAL, DE
[71] ALRISE BIOSYSTEMS GMBH, DE
[85] 2016-04-26
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[25] EN
[54] **CELL TRANSPORT**
[54] **TRANSPORT DE CELLULES**
[72] RYVES, WILLIAM JONATHAN, GB
[71] CUPID PEPTIDE COMPANY LIMITED, GB
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[86] 2014-10-09 (PCT/GB2014/053037)
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[54] **MACHINE DE FABRICATION DE BOISSON CHAUDE**
[72] LEE, ALEX, US
[72] STOWELL, DAVIN, US
[72] VICARI, JOERN, US
[72] TORRIS, ANTHONY VIPAN, US
[72] BESEN, RICHARD, US
[71] HELEN OF TROY LIMITED, BB
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[25] EN
[54] **MEDICAMENT DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] WILLOUGHBY, ALASTAIR, GB
[72] HOWARTH, BRAD, GB
[72] ANDERSON, IAN, GB
[72] KOPPELMAN, RACHEL, GB
[71] CONSORT MEDICAL PLC, GB
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[25] EN
[54] **MODIFIED THERMAL BARRIER COMPOSITE COATINGS**
[54] **REVETEMENTS COMPOSITES MODIFIES FORMANT UNE BARRIERE THERMIQUE**
[72] PETORAK, CHRISTOPHER A., US
[71] PRAXAIR S.T. TECHNOLOGY, INC., US
[85] 2016-04-26
[86] 2014-10-10 (PCT/US2014/060104)
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[25] EN
[54] **NITRIC OXIDE INCREASING NUTRITIONAL SUPPLEMENTS AND METHODS**
[54] **SUPPLEMENTS NUTRITIFS ET PROCEDES AUGMENTANT L'OXYDE NITRIQUE**
[72] FEALEY, TERENCE, US
[72] HARDY, PHILIP A., CA
[72] MINSHEW, BRAZOS G., US
[72] WITHROW, MICHAEL CALVIN, CA
[71] ABATTIS BIOCEUTICALS CORP, CA
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[25] EN
[54] **A GUTTER, GUTTER ASSEMBLIES AND COMPONENTS THEREFOR**
[54] **GOUTTIERE, ENSEMBLES DE GOUTTIERE ET LEURS COMPOSANTS**
[72] HALEY, ALAN BRYAN CREIGHTON, AU
[72] DOBBE, JOHN EDWARD, NZ
[71] ECO GUTTER IP HOLDINGS PTY LTD, AU
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[54] **METHODES SE RAPPORTANT AUX AMAS DE CELLULES TUMORALES CIRCULANTES ET AU TRAITEMENT DU CANCER**
[72] ACETO, NICOLA, IT
[72] HABER, DANIEL ARIE, US
[72] MAHESWARAN, SHYAMALA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **A BIOPSY COLLECTOR WITH IDENTIFIER**
[54] **COLLECTEUR POUR BIOPSIE AVEC IDENTIFICATEUR**
[72] GARDNER, MICHAEL STUART, NZ
[72] BLADEN, ROY VICTOR, NZ
[71] SNPSHOT TRUSTEE LIMITED, NZ
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[25] EN
[54] **BIOPSY SAMPLER AND SAMPLE COLLECTOR**
[54] **ECHANTILLONNEUR POUR BIOPSIES ET COLLECTEUR D'ECHANTILLON**
[72] GARDNER, MICHAEL STUART, NZ
[72] BLADEN, ROY VICTOR, NZ
[71] SNPSHOT TRUSTEE LIMITED, NZ
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[25] EN
[54] **BIOPSY SAMPLE STORAGE CONTAINER AND RELATED SAMPLER**
[54] **CONTENANT DE STOCKAGE D'ECHANTILLON DE BIOPSIE ET ECHANTILLONNEUR CORRESPONDANT**
[72] GARDNER, MICHAEL STUART, NZ
[72] BLADEN, ROY VICTOR, NZ
[71] SNPSHOT TRUSTEE LIMITED, NZ
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[86] 2014-10-17 (PCT/IB2014/065397)
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[30] NZ (616807) 2013-10-18
[30] NZ (625902) 2014-06-05
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[25] FR
[54] **SEAL FOR AN ELECTROCHEMICAL DEVICE, PROCESS FOR MANUFACTURING AND FITTING THE SEAL AND THIS DEVICE**
[54] **JOINT D'ETANCHEITE POUR DISPOSITIF ELECTROCHIMIQUE, PROCEDE DE FABRICATION ET D'ASSEMBLAGE DU JOINT ET CE DISPOSITIF**
[72] DI IORIO, STEPHANE, FR
[72] ORESIC, BRUNO, FR
[72] PETIT, JULIEN, FR
[72] REYTIER, MAGALI, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[25] EN
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[54] **ACTIONNEUR LINEAIRE ELECTRIQUE**
[72] MCFADDEN, PATRICK A., CA
[71] IRIS DYNAMICS LTD., CA
[85] 2016-04-26
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[54] **PRESSURE STRUCTURE AND PRESSURE UNIT**
[54] **STRUCTURE DE PRESSAGE ET UNITE DE PRESSAGE**
[72] TAJIMA, NORIHIRO, JP
[72] TERADA, YUSUKE, JP
[72] KAWAI, YOSUKE, JP
[71] NHK SPRING CO., LTD., JP
[85] 2016-04-26
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[54] **CO-AXIAL VALVE APPARATUS**
[54] **APPAREIL SOUPAPE COAXIALE**
[72] BHATIA, SACHIN, CA
[72] SHEPPARD, JEFF, CA
[72] KAMENSKI, JOSEPH, CA
[71] DANA CANADA CORPORATION, CA
[85] 2016-04-26
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[25] EN
[54] **METHOD FOR MANUFACTURING VEHICLE WINDOW COMPONENT AND VEHICLE WINDOW COMPONENT**
[54] **PROCEDE DE FABRICATION DE COMPOSANT DE FENETRE DE VEHICULE ET COMPOSANT DE FENETRE DE VEHICULE**
[72] ZHOU, JUN, CN
[72] HU, JIANHONG, CN
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **ANODE FOR ALKALINE WATER ELECTROLYSIS**
[54] **ELECTRODE POSITIVE POUR L'ELECTROLYSE D'UNE EAU ALCALINE**
[72] ICHIKAWA, HIROKI, JP
[72] MITSUSHIMA, SHIGENORI, JP
[72] NAGASHIMA, IKUO, JP
[72] SUNADA, YOSHIO, JP
[72] KATO, AKIHIRO, JP
[72] YIN, LIANG, JP
[72] MANABE, AKIYOSHI, JP
[72] NISHIKI, YOSHINORI, JP
[71] NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[71] DE NORA PERMELEC LTD, JP
[85] 2016-04-26
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[25] EN
[54] **EXTERNALLY HEATED CARBONIZATION FURNACE**
[54] **FOUR DE CARBONISATION CHAUFFE DE FACON EXTERNE**
[72] ENDOU, YUUKI, JP
[72] YAMAMOTO, HIROTAMI, JP
[72] ISHIKAWA, KEIICHI, JP
[72] KOIZUMI, RYOSUKE, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP
[85] 2016-04-26
[86] 2014-11-11 (PCT/JP2014/079850)
[87] (WO2015/072453)
[30] JP (2013-235126) 2013-11-13

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[25] EN
[54] **COMBINATION LOCK**
[54] **DISPOSITIF DE VERROUILLAGE A COMBINAISON**
[72] BAO, CHENGFAN, CN
[72] ZHANG, XIUZHI, CN
[72] YU, HUAXIA, CN
[72] ZHAN, RONGZHOU, CN
[72] BIAN, SHICHUN, CN
[72] WANG, LINHAI, CN
[72] SHI, NING, CN
[72] MIAO, RENXIN, CN
[72] ZHANG, XIUZHAN, CN
[71] SHANGHAI SHENGXIANG SCIENCE AND TECHNOLOGY CO., LTD., CN
[85] 2016-04-26
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[30] CN (201310687916.4) 2013-12-16
[30] CN (201320829506.4) 2013-12-16

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[54] **NOVEL COMPOUNDS FOR REGENERATION OF TERMINALLY-DIFFERENTIATED CELLS AND TISSUES**
[54] **NOUVEAUX COMPOSES POUR LA REGENERATION DE CELLULES ET DE TISSUS AU STADE DE DIFFERENCIATION TERMINALE**
[72] BOS, MICHAEL, DE
[71] ACOUSIA THERAPEUTICS GMBH, DE
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[54] **CONJUGUE ANTICORPS ANTI-HER2-MEDICAMENT**
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[72] OGITANI, YUSUKE, JP
[72] MASUDA, TAKESHI, JP
[72] NAKADA, TAKASHI, JP
[72] YOSHIDA, MASAO, JP
[72] ASHIDA, SHINJI, JP
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[72] MIYAZAKI, HIDEKI, JP
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[54] **ALKANE OXIDATIVE DEHYDROGENATION AND/OR ALKENE OXIDATION**
[54] **DESHYDROGENATION OXYDATIVE D'ALCANE ET/OU OXYDATION D'ALCENE**
[72] BOS, ALOUISIUS NICOLAAS RENEE, NL
[72] SCHOONEBEEK, RONALD JAN, NL
[72] SPIES, FRANK, NL
[72] VERHAAK, MICHIEL JOHANNES FRANCISCUS MARIA, NL
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[72] SHASHA, AARON, US
[72] CONROY, DAVID, US
[71] NE INNOVATION, LLC, US
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[54] **VEHICULE POUR LE DEPLACEMENT D'UN CONDUCTEUR, COMPRENANT UNE SPHERE QUI ROULE AU SOL ET DANS DES DIRECTIONS QUELCONQUES**
[72] SAMBETH, ULRICH, DE
[71] INNOVATED TRANSPORT SYSTEMS UG (HAFTUNGSBESCHRANKT), DE
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[54] **HEALTH DIAGNOSTIC SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DIAGNOSTIC DE SANTE**
[72] FAYBISHENKO, YAROSLAV, US
[72] FAYBISHENKO, BORIS, US
[71] PIXIE SCIENTIFIC, LLC, US
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[54] **CLOUD COMPUTE SCHEDULING USING A HEURISTIC CONTENTION MODEL**
[54] **PLANIFICATION DE CALCUL EN NUAGE A L'AIDE D'UN MODELE DE CONTENTION HEURISTIQUE**
[72] SESHA, SUBRAMONY, IN
[72] PATNI, ARCHANA, IN
[72] NARAYANAN, ANANTH S., IN
[72] GANGULI, MRITTIKA, IN
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[54] **UNITE D'ECHANGE DE CHALEUR A FAISCEAU TUBULAIRE POUR INTERIEURS D'ECHANGEURS DE CHALEUR OU DE REACTEURS**
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[71] CASALE SA, CH
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[54] **MECANISME D'ENTRAINEMENT POUR DES POMPES D'ADMINISTRATION DE MEDICAMENT AVEC INDICATION D'ETAT INTEGREE**
[72] AGARD, RYAN M., US
[72] HANSON, IAN B., US
[72] CICCARELLI, NICHOLAS J., US
[72] O'CONNOR, SEAN M., US
[72] BOKELMAN, KEVIN, US
[72] BENTE, PAUL F., IV, US
[72] LOVE, JOHN C., US
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[54] **PROCEDE DE REDUCTION DE LA COULEUR D'UN LIQUIDE BIOTECHNOLOGIQUE**
[72] HOLAPPA, SUSANNA, FI
[72] RECKTENWALD, MICHAEL, FI
[71] KEMIRA OYJ, FI
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[72] HOY, STACY W., US
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[71] ROHM AND HAAS COMPANY, US
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[54] **PREFORME A FOND ETOILE ET RECIPIENT CORRESPONDANT**
[72] TEXIER, STEPHANE, FR
[71] SOCIETE D'EXPLOITATION DES SOURCES ROXANE, FR
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[54] **SYSTEME DE GESTION DE TRAITEMENT DE DEMANDES DE REMBOURSEMENT AUTOMATISE**
[72] ANDERSON, DEBORAH S., US
[72] RAWAT, ANKUR, US
[72] BARROW, DACOSTA E., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCEDE DE SYNTHESE DE POLYAMIDE**
[72] BRIFFAUD, THIERRY, FR
[72] NOGUES, PIERRE, FR
[72] LE, GUILLAUME, FR
[72] MALET, FREDERIC, FR
[71] ARKEMA FRANCE, FR
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[54] **ATOMISEUR A COUPELLE ROTATIVE EN CLOCHE PRESENTANTE UNE CAPACITE DE NETTOYAGE AMELIOREE**
[72] VAN DER STEUR, GUNNAR, US
[72] CICHOCKI, JOSEPH, US
[71] EFC SYSTEMS, INC., US
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[54] **SKIN-PRINT FLUORESCENCE ANALYSIS METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ANALYSE PAR FLUORESCENCE D'EMPREINTES CUTANEES**
[72] EARL, NICHOLAS, GB
[72] GODFREY, DANIEL PETERSON, GB
[72] DUNTON, JOHN, GB
[72] HUDSON, MARK, GB
[72] RUSSELL, DAVID, GB
[71] INTELLIGENT FINGERPRINTING LIMITED, GB
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[54] **LIANT ROUTIER MODIFIE PAR UN POLYMERE A TENEUR EN STYRENE REDUITE**
[72] MARTIN, JEAN-VALERY, US
[71] INNOPHOS, INC., US
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[72] GARDNER, MICHAEL STUART, NZ
[72] BLADEN, ROY VICTOR, NZ
[71] SNPSHOT TRUSTEE LIMITED, NZ
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[54] **METHOD FOR EXTRACTING METHANE FROM COAL BEDS AND FROM PENETRATING ROCK ENCLOSING A COAL BED**
[54] **PROCEDE D'EXTRACTION DE METHANE A PARTIR DE VEINE DE HOUILLE ET DE ROCHE PERMEABLES COMPRENANT UNE VEINE DE HOUILLE**
[72] AGEEV, PETR GEORGIYEVICH, RU
[72] AGEEV, NIKITA PETROVICH, RU
[71] "GEOREZONANS" LTD., RU
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[25] EN
[54] **METHOD OF DETECTING PLATELET ACTIVATING ANTIBODIES THAT CAUSE HEPARIN-INDUCED THROMBOCYTOPENIA/THROMBOSIS**
[54] **PROCEDE DE DETECTION D'ANTICORPS D'ACTIVATION PLAQUETTAIRE QUI CAUSENT UNE THROMBOCYTOPENIE/THROMBOSE INDUITE PAR L'HEPARINE**
[72] ASTER, RICHARD H., US
[72] BOUGIE, DANIEL W., US
[72] JONES, CURTIS GERALD, US
[72] PADMANABHAN, ANAND, US
[71] BLOODCENTER RESEARCH FOUNDATION, US
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[72] JOHANSSON, BENGT, SE
[72] BIRGERUD, BO, SE
[71] MCT BRATTBERG AB, SE
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[54] **ZIP TRACK SYSTEM**
[54] **SYSTEME DE CHEMIN DE TYROLIENNE**
[72] WATERMILLER, RANDY G., US
[72] SCHAUST, STEVEN J., US
[71] LANDSCAPE STRUCTURES INC., US
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[54] **PULP PRODUCTION ARRANGEMENT AND METHOD**
[54] **AGENCEMENT ET PROCEDE DE PRODUCTION DE PATE**
[72] MELLANDER, STEFAN, SE
[72] SVEDBERG, PETER, SE
[71] VALMET AB, SE
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[72] YARUS, JEFFREY M., US
[72] SHI, GENBAO, US
[72] LICERAS, VERONICA, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **CONTAINER WITH ATTACHABLE RETRIEVAL MEANS**
[54] **CONTENANT POURVU DE MOYEN DE RECUPERATION POUVANT ETRE FIXES**
[72] CHOLHAN, REMY, US
[72] LAPAN, KAMERON, US
[72] CHOLHAN, HILARY J., US
[71] CHOPRIX LLC, US
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[25] EN
[54] **METHOD AND DEVICE FOR DETECTING BACTERIA AND DETERMINING THE CONCENTRATION THEREOF IN A LIQUID SAMPLE**
[54] **PROCEDE ET DISPOSITIF POUR DETECTER DES BACTERIES ET DETERMINER LEUR CONCENTRATION DANS UN ECHANTILLON LIQUIDE**
[72] HAMMOND, JEREMY, US
[72] RUSSELL, JAMES, US
[71] IDEXX LABORATORIES, INC., US
[85] 2016-04-26
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[54] **SELF-REPRODUCING HYBRID PLANTS**
[54] **PLANTES HYBRIDES AUTOREPRODUCTRICES**
[72] LAWIT, SHAI J., US
[72] OCHOA, MARTA CIFUENTES, US
[72] SIMON, MARISSA K., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
[54] **CATALYTIC BIOMASS CONVERSION METHODS, CATALYSTS, AND METHODS OF MAKING THE SAME**
[54] **PROCEDES DE CONVERSION CATALYTIQUE D'UNE BIOMASSE, CATALYSEURS ET LEURS PROCEDES DE FABRICATION**
[72] DELGASS, NICHOLAS WILLIAM, US
[72] AGRAWAL, RAKESH, US
[72] RIBEIRO, FABIO HENRIQUE, US
[72] YOHE, SARA LYNN, US
[72] ABU-OMAR, MAHDI, US
[72] PARSELL, TRENTON, US
[72] DIETRICH, PAUL JAMES, US
[72] KLEIN, IAN MICHAEL, US
[72] SAHA, BASUDEB, US
[71] PURDUE RESEARCH FOUNDATION, US
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[54] **ADDITIVE MANUFACTURING OF BUILDINGS AND OTHER STRUCTURES**
[54] **FABRICATION ADDITIVE DE BATIMENTS ET D'AUTRES STRUCTURES**
[72] BOYD, R. PLATT, IV, US
[71] BOYD, R. PLATT, IV, US
[85] 2016-04-26
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[25] EN
[54] **COMPOSITION FOR THE TREATMENT OF NEUROBEHAVIORAL DISORDERS**
[54] **COMPOSITION POUR LE TRAITEMENT DE TROUBLES DU COMPORTEMENT NEUROLOGIQUE**
[72] BRAY, DOROTHY HELEN, GB
[72] LAP, MARIO, NL
[72] DUPETIT, ALFREDO CARLOS, DE
[71] CANNABIS SCIENCE INTERNATIONAL HOLDING B.V., NL
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[54] **AERATEUR/DIGESTEUR POUR TRAITEMENT D'EAU**
[72] STARK, JOHN G., US
[71] WELLS TUDOR, LLC, US
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[54] **PHOTOCATALYTIC COMPOSITE MATERIAL FOR THE DECOMPOSITION OF AIR POLLUTANTS**
[54] **MATERIAU COMPOSE PHOTOCATALYTIQUE POUR LA DECOMPOSITION DE POLLUANTS ATMOSPHERIQUES**
[72] SHAYKO, SCOTT, CA
[72] LU, CHENG, CA
[72] QIU, XIN, CA
[71] ENVISION SQ INC., CA
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[54] **DEVICE FOR REGULATING INJECTION PRESSURE IN ENHANCED OIL RECOVERY**
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[25] EN
[54] **MOBILE ROBOT SYSTEM**
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[72] PACK, ROBERT TODD, US
[72] FARLOW, TIMOTHY S., US
[72] ROSENSTEIN, MICHAEL T., US
[72] HALLORAN, MICHAEL, US
[72] WON, CHIKYUNG, US
[72] SHAMLIAN, STEVEN V., US
[72] CHIAPPETTA, MARK, US
[71] IROBOT CORPORATION, US
[22] 2011-11-16
[41] 2012-07-05
[62] 2,822,980
[30] US (61/428,734) 2010-12-30
[30] US (61/428,717) 2010-12-30
[30] US (61/428,759) 2010-12-30
[30] US (61/429,863) 2011-01-05

[21] **2,928,263**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) A61K 39/145 (2006.01) A61K 48/00 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 15/44 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **RECOMBINANT INFLUENZA VIRUSES FOR VACCINES AND GENE THERAPY**
[54] **VIRUS DE L'INFLUENZA RECOMBINANTS POUR VACCINS ET TRAITEMENT GENETIQUE**
[72] KAWAOKA, YOSHIHIRO, US
[72] NEUMANN, GABRIELE, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[22] 2000-04-05
[41] 2000-10-12
[62] 2,365,526
[30] US (60/127,912) 1999-04-06
[30] US (60/132,839) 1999-05-06

[21] **2,928,265**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/0482 (2013.01) G06F 1/16 (2006.01) G09F 9/30 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **USER PROGRAMMABLE INTERACTIVE DISPLAY DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'AFFICHAGE INTERACTIFS ET PROGRAMMABLES PAR L'UTILISATEUR**
[72] WILCOX, CLINTON, US
[72] KAZANCHIAN, ARMEN, US
[71] WILCOX, CLINTON, US
[71] KAZANCHIAN, ARMEN, US
[22] 2005-11-29
[41] 2006-06-08
[62] 2,589,510
[30] US (10/999,717) 2004-11-30
[30] US (11/162,910) 2005-09-28

[21] **2,928,272**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) C10G 45/58 (2006.01)**
[25] EN
[54] **IN SITU UPGRADING VIA HOT FLUID INJECTION**
[54] **VALORISATION IN-SITU PAR LE BIAIS D'UNE INJECTION DE FLUIDE CHAUD**
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[72] CHEN, ZHANGXING, CA
[72] MAINI, BRIJ, CA
[72] SCOTT, CARLOS EDUARDO, CA
[71] IN SITU UPGRADING TECHNOLOGIES INC., CA
[22] 2013-03-19
[41] 2013-11-30
[62] 2,864,788
[30] US (61/654,034) 2012-05-31

[21] **2,928,374**
[13] A1
[51] **Int.Cl. G02B 21/24 (2006.01) G01N 35/00 (2006.01) G01N 35/04 (2006.01)**
[25] EN
[54] **IMAGING SYSTEMS, CASSETTES, AND METHODS OF USING THE SAME**
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[72] LONEY, GERGORY C., US
[72] MORAVICK, KEITH, US
[72] MORICONI, DAVID, US
[72] TODD, CHRIS, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[22] 2012-08-21
[41] 2013-03-14
[62] 2,844,994
[30] US (61/533,114) 2011-09-09

[21] **2,928,387**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/337 (2006.01) A61K 47/24 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **DRUG DELIVERY LIPOSOMES CONTAINING ANIONIC POLYOLS OR ANIONIC SUGARS**
[54] **LIPOSOMES POUR L'ADMINISTRATION DE DROGUES CONTENANT DES POLYOLS ANIONIQUES OU DES SUCRES ANIONIQUES**
[72] HONG, KEELUNG, US
[72] DRUMMOND, DARYL C., US
[72] KIRPOTIN, DMITRI B., US
[71] MERRIMACK PHARMACEUTICALS, INC., US
[22] 2005-05-02
[41] 2005-11-17
[62] 2,821,167
[30] US (60/567,921) 2004-05-03

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[21] **2,928,402**
[13] A1
[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/58 (2006.01) F04F 5/16 (2006.01) F04F 5/46 (2006.01) F24H 3/04 (2006.01)**
[25] EN
[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] FITTON, NICHOLAS GERALD, GB
[72] SUTTON, JOHN SCOTT, GB
[72] GAMMACK, PETER DAVID, GB
[72] DYSON, JAMES, GB
[72] WALLACE, JOHN DAVID, GB
[72] SMITH, ARRAN GEORGE, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[22] 2010-02-18
[41] 2010-09-10
[62] 2,746,536
[30] GB (0903682.3) 2009-03-04
[30] GB (0911178.2) 2009-06-29

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[13] A1
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 76/02 (2009.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **ESTABLISHING COMMUNICATION**
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[71] FACEBOOK, INC., US
[22] 2014-03-12
[41] 2014-09-25
[62] 2,903,653
[30] US (13/843,643) 2013-03-15

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[21] **2,928,486**
[13] A1
[51] **Int.Cl. F04D 25/08 (2006.01) F04F 5/16 (2006.01) F04F 5/46 (2006.01)**
[25] EN
[54] **A FAN**
[54] **VENTILATEUR**
[72] GAMMACK, PETER DAVID, GB
[72] NICOLAS, FREDERIC, GB
[72] SIMMONDS, KEVIN JOHN, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[22] 2008-08-26
[41] 2009-03-12
[62] 2,698,490
[30] GB (0717155.6) 2007-09-04
[30] GB (0717148.1) 2007-09-04
[30] GB (0717151.5) 2007-09-04
[30] GB (0717154.9) 2007-09-04
[30] GB (0814866.0) 2008-08-14

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[21] **2,928,494**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01)**
[25] EN
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[72] DESHPANDE, RAJENDRA V., US
[72] TSAI, MEI-MEI, US
[71] AMGEN INC., US
[22] 2005-12-20
[41] 2006-06-29
[62] 2,591,304
[30] US (60/638,961) 2004-12-22

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CHIN, EUGENE 2,772,821
CHIN, HOWARD M. 2,875,430
CHIN, HOWARD M. 2,875,466
CHIN, HOWARD M. 2,875,469
CHIN, HOWARD M. 2,875,475
CHIN, PETER 2,703,555
CHINA NATIONAL OFFSHORE OIL CORPORATION 2,840,323
CHINA OILFIELD SERVICES LIMITED 2,840,323
CHOIDAS, AXEL 2,807,620
CHONG, IN SUK 2,830,381
CHORNET, ESTEBAN 2,688,862
CHOU, LAWRENCE 2,519,740
CHOU, YAT-CHEN 2,716,590
CHOWDHARY, DIPENDRA M. 2,828,432
CHRESTENSEN, GEORGE 2,820,936
CHRISTOPHER, RONALD J. 2,663,279
CHU, MICHAEL S.H. 2,636,215
CHUNG, KYU 2,714,460
CHUNG, YUEH CHING 2,828,432
CIACH, TOMASZ 2,866,682
CIMA LABS INC. 2,699,142
CIRCLE B ENTERPRISES HOLDING COMPANY, INC. 2,659,105
CIW ENTERPRISES, INC. 2,825,114
CLAERHOUT, MIKE 2,721,419
CLARK, DAVID WILLIAM 2,671,800
CLARKE, PAUL A. N. 2,658,198
CLARKSON, IAN 2,678,419
CNH INDUSTRIAL AMERICA LLC 2,638,947
CNH INDUSTRIAL CANADA, LTD. 2,715,686
COATEX S.A.S. 2,665,040
COATEX S.A.S. 2,679,294
COERS, BRUCE A. 2,670,242
COLACO, ALLWYN 2,826,313
COLE, ANDREW 2,876,028
COLGATE-PALMOLIVE COMPANY 2,787,397
COLGATE-PALMOLIVE COMPANY 2,824,481
COLLINS, IAN RALPH 2,725,322
COMMISSARIAT A L'ENERGIE ATOMIQUE 2,688,593
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,743,543
CONAGRA FOODS RDM, INC. 2,638,640
CONLEY, KRISTINE 2,817,578
CONNECTIF SOLUTIONS INC. 2,597,758
CONNELLY, BRUCE A. 2,857,723
COOPER TECHNOLOGIES COMPANY 2,747,227
COOPER, DAVID 2,586,713
COOPER, ILENE K. 2,690,648
COOPER-STANDARD AUTOMOTIVE INC. 2,715,251
COORSTEK, INC. 2,786,015
CORDIS NEUROVASCULAR, INC. 2,581,704
CORE AUDIENCE, INC. 2,634,444
CORMINBOEUF, OLIVIER 2,706,836
CORSO, LAWRENCE M. 2,820,936
COSMO ALA CO., LTD. 2,715,901
COSTEUX, STEPHANE 2,714,210
COTTONE, ROBERT JOHN, JR. 2,626,805
COVINGTON, PAUL 2,663,279
CRAWFORD, RYAN 2,716,861
CREE, INC. 2,511,005
CREN, SYLVAINE 2,706,836
CROESSMANN, MELANIE 2,586,713
CSOKA, IMRE CHRISTIAN FRANCIS 2,699,707
CTB, INC. 2,768,153
CTES, L.P. 2,496,609
CTI BIOPHARMA CORP. 2,746,058
CURIS, INC. 2,749,228
CURRLE, ANDREAS 2,759,916
CYBERT, ROBERT 2,586,713
CYCLES LAPIERRE 2,645,634
CYMETECH, LLC. 2,441,500
CYNIS, HOLGER 2,679,446
CYPHER SCIENCE 2,595,614
CZYZEWSKI, ZBIGNIEW 2,669,167
D B INDUSTRIES, LLC 2,839,897
D'HULSTER, GERALD 2,854,948
DAHANAYAKE, MANILAL S. 2,826,313
DAIICHI SANKYO COMPANY, LIMITED 2,823,981
DAIICHI SANKYO COMPANY, LIMITED 2,838,651
DAIICHI SANKYO COMPANY, LIMITED 2,859,191
DAKA RESEARCH INC. 2,729,079
DAMNJANOVIC, ALEKSANDAR 2,794,301
DANA CANADA CORPORATION 2,657,873
DANIELSON, MICHAEL E. 2,594,674
DANIELYAN, LUSINE 2,696,892
DANILOFF, GEORGE 2,677,498
DANNHARDT, WALT 2,719,600
DARBY, STEWART ANDREW 2,737,446
DARRIGRAND, WILLIAM A. 2,676,096
DAS, SUBIR 2,603,720
DASBACH, GARRICK 2,439,565
DATTA, ABHIJIT 2,654,981
DAVID, JEAN-FRANCOIS 2,500,990
DAVIES, HELEN CATHERINE STUART 2,823,805
DAVIES, JUSTIN 2,823,805
DAVIS, MITCHELL G. 2,726,075
DAVIS, ROGER D. 2,439,565
DAWSON, JEFFREY WILLIAM 2,671,800
DE FOY, XAVIER 2,801,556
DE GRAAFF, WOUTER 2,880,300
DE LAMBERTERIE, SEBASTIEN 2,595,614
DE LAPEYRIERE, DAMIEN 2,839,897
DE MIQUEL SERRA, GONZALO 2,716,723
DE SMET, JOHAN 2,797,542
DE SOUSA, JOAQUIM ANTONIO SOAR 2,821,383
DEANDRADE, ALEX FREIRE 2,821,383
DEBON, STEPHANE JULES JEROME 2,689,685
DECAST LTD. 2,793,590
DEE, JOSHUA 2,577,068
DEERE & COMPANY 2,645,693
DEERE & COMPANY 2,670,242
DEKAMO, SHINGO 2,878,157

DEL GALDO, GIOVANNI 2,791,046
DELAWARE CAPITAL FORMATION, INC. 2,667,815
DELFORGE, ADRIAN C. 2,673,298
DELIGNY, MICHAEL 2,688,593
DELLA VALLE, FRANCESCO 2,582,027
DELLA VALLE, MARIA FEDERICA 2,582,027
DELTOUR, SANDRINE 2,656,299
DEMUTH, HANS-ULRICH 2,679,446
DENICHOU, JEAN MICHEL 2,519,740
DENNEY, RUSTY 2,786,015
DEPERROIS, ANDRE RAYMOND CHRISTIAN 2,658,072
DEPUY SYNTHES PRODUCTS, LLC 2,861,456
DERLUYN, JOHAN ROBERT 2,732,421
DERRICK, BRUCE 2,717,866
DERRICK, DAVID 2,717,866
DERSCH, WOLFGANG 2,728,058
DESJOYEAUX, BERTRAND 2,822,449
DESROSIERS, CYRILLE 2,757,089
DETTMAN, HEATHER D. 2,755,631
DEVICEFIDELITY, INC. 2,698,891
DEVOS, JULIEN 2,732,421
DEY, RUDRA KINKAR 2,899,643
DI MARZO, VINCENZO 2,582,027
DIFALCO, RAY J. 2,696,341
DIGONEX TECHNOLOGIES, INC. 2,439,565
DILLIN, KENT J. 2,888,852
DIMPLEX NORTH AMERICA LIMITED 2,605,314
DINAN, LAURENCE NEIL 2,718,494
DIRIX, YVO 2,698,258
DISCH, SASCHA 2,750,037
DIXON, NICHOLAS JOHN 2,703,023
DOLBY LABORATORIES LICENSING CORPORATION 2,826,018
DOMOY, BRETT CHRISTOPHER 2,716,574
DONALDSON, CHRIS 2,792,885
DONHOWE, DANIEL PAUL 2,705,101
DORMONT, DIDIER 2,656,299
DORONINA, SVETLANA O. 2,614,436
DOSHAN, HAROLD D. 2,865,661
DOUGLAS, JONATHAN 2,847,042
DOW GLOBAL TECHNOLOGIES LLC 2,698,602
DOW GLOBAL TECHNOLOGIES LLC 2,714,210
DOW GLOBAL TECHNOLOGIES LLC 2,715,442
DOW GLOBAL TECHNOLOGIES LLC 2,810,642
DOWSON, CHRIS 2,715,251
DRAPAC, DAVID 2,439,565
DREGER, TIMOTHY K. 2,645,693
DUBACH, FREDI 2,849,117
DUBNICKI, CEZARY 2,809,224
DUBROWNY, NANCY 2,817,578
DUCHESNE, YANICK 2,597,758
DUCOS, DOMINIQUE 2,847,207
DUMONT, ALAIN 2,750,415
DUNNHUMBY LIMITED 2,404,903
DUSSEAULT, MAURICE B. 2,751,874
DUTTA, ASHUTOSH 2,603,720
DWARAMPUDI, ADI REDDY 2,878,217
DYMOCK, BRIAN 2,746,058
DYRBYE, ANITA 2,721,419
E. I. DU PONT DE NEMOURS AND COMPANY 2,851,896
E.I. DU PONT DE NEMOURS AND COMPANY 2,716,590
E.I. DU PONT DE NEMOURS AND COMPANY 2,737,932
EASLEY, DANIEL R. 2,635,500
EBERLEIN, ERNST 2,791,046
ECOLAB INC. 2,676,238
ECOLAB INC. 2,700,711
ECOLAB INC. 2,705,744
EDDINGTON, ROBIN 2,869,043
EGGERS, PHILIP 2,812,768
EGLEN, JAN ALAN 2,439,565
EGLEN, JEREMY 2,439,565
EICKHOFF, JAN 2,807,620
EIDENSCHINK, TRACEE E. J. 2,664,707
EISAI R&D MANAGEMENT CO., LTD. 2,669,674
EISNER, LEO 2,672,974
ELEMENT SIX LIMITED 2,687,459
ELI LILLY AND COMPANY 2,813,007
ELIZALDE, XAVIER 2,822,053
ELORRIAGA, JOSU 2,646,114
ELSTER ELECTRICITY, LLC 2,710,696
ELTEK S.P.A. 2,730,780
EMBRY, RUSSELL T. 2,525,614
EMERGING ACQUISITIONS, LLC 2,710,097
EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC. 2,540,346
EMMEL, KEITH 2,716,861
EMS-PATENT AG 2,812,366
ENEGREN, BRADLEY J. 2,695,966
ENERKEM, INC. 2,688,862
ENGELHARDT, DEAN 2,772,029
ENGELHARDT, DEAN 2,772,033
ENZO LIFE SCIENCES, INC. 2,754,415
ENZO THERAPEUTICS, INC. 2,772,029
ENZO THERAPEUTICS, INC. 2,772,033
EPITECH GROUP S.R.L. 2,582,027
ERIKSSON, GORAN ANDERS PETTER 2,564,125
ERLAU AG 2,676,614
ERMERT, PHILIPP 2,699,707
ERTAS, MEHMET DENIZ 2,770,230
ETCHEGARY, GLENN 2,893,269
EUROMED SA 2,709,947
EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE 2,692,620
EVOLUTION ENGINEERING INC. 2,900,592
EVONIK OIL ADDITIVES GMBH 2,586,713
EXFO INC. 2,900,084
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,770,230
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,890,729
F. HOFFMANN-LA ROCHE AG 2,822,687
F. HOFFMANN-LA ROCHE AG 2,852,600
F. HOLZER GMBH 2,713,119
FABLAB INC. 2,765,337
FAIRCLOTH, BRIAN O. 2,734,492
FAIRLEY, STUART 2,625,895
FAIRY, FABRICE 2,616,514
FAIVELEY TRANSPORT AUSTRALIA LTD 2,876,028
FALCH, CORNELIA 2,701,457
FANG, JOHN 2,660,693
FARCY, MARC 2,863,762
FARINOTTI, ALESSANDRO 2,799,067
FARNSWORTH, ANDREW 2,668,525
FASANO, FRANCESCA ROMANA 2,839,524
FEI, AIGUO 2,634,444
FEIT ELECTRIC COMPANY, INC. 2,710,542
FELIX, SHENIKA E. 2,817,578
FELLERS, MATTHEW C. 2,826,018
FEMCARE-NIKOMED LTD. 2,869,043
FENAUX, MARTIJN 2,784,260
FERNANDES, JEFFREY R. 2,700,711
FERRARA, VINCENT R. 2,681,439
FERRAZZINI, AXEL 2,794,744
FERRONE, ANDREW 2,664,515
FERSMAN, ELENA 2,564,125
FIBERSONICS INC. 2,813,869
FIELD, PETER H. 2,719,600
FIKE, RICHARD 2,798,535
FIKOURAS, IOANNIS 2,564,125
FILSER, CHRISTIAN 2,728,058
FISCHER, ANGELIKA 2,586,713
FISCHER, LAURENT BERNARD 2,701,215
FISCHER, MATTHIAS 2,586,713
FISCHER, TOMAS 2,672,974
FISHER & COMPANY, INCORPORATED 2,711,966
FISHER CONTROLS INTERNATIONAL LLC 2,848,948
FISHER, NORMAN A. 2,676,847
FLEMING, JOHN 2,808,081
FLOCON, INC. 2,702,817
FLORACK, DIONISIUS ELISABETH ANTONIUS 2,799,805
FLSMIDTH A/S 2,916,965
FLUOR TECHNOLOGIES CORPORATION 2,787,146
FLUOR TECHNOLOGIES CORPORATION 2,818,618
FM ENERGIE GMBH & CO.KG 2,836,923
FOCUSED INNOVATION, INC. 2,805,443
FONG, SCOTT 2,696,754
FORAN, DEREK 2,644,792
FORMICA, P. MICHAEL 2,676,096
FORO ENERGY INC. 2,734,492

FOURNIER, PIERRE-ALEXANDRE 2,867,205
FOX, DOUGLAS M. 2,774,271
FRANCIS, THOMAS J. 2,867,199
FRANDEN, MARY ANN 2,716,590
FRANKLIN, STEVEN 2,775,509
FRANKOWSKI, DAVID J. 2,714,210
FRANZ, UWE 2,818,142
FRASER, SHEENA JANET 2,613,238
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUND DER ANGEWANDTEN FORSCHUNG E.V. 2,701,457
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,750,037
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,751,205
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,791,046
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,806,933
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,827,326
FRED BERGMAN HEALTHCARE PTY LTD 2,802,503
FRETZ, HEINZ 2,706,836
FREY II, WILLIAM H. 2,696,892
FRITZBOGER, PREBEN 2,714,029
FROM THE EARTH NATURALLY LTD. 2,721,419
FROST LINKS, INC. 2,774,912
FROST, CHARLES C. 2,774,912
FRUHAUF, CHRIS 2,822,687
FTL SYSTEMS, INC. 2,700,345
FU, XIAOPING 2,705,101
FUCHS, GUILLAUME 2,751,205
FUJIFILM CORPORATION 2,746,036
FUJINO, HIROAKI 2,695,666
FUJITA, NOBUHIRO 2,827,844
FUJITA, TEIZO 2,648,188
FUKAYA, KAZUYUKI 2,827,553
FUKUHAMA, CHIZUKO 2,695,666
FUNADA, SHIGEYUKI 2,715,901
FURMAN, GARY S. 2,706,446
FURUKAWA, KEN 2,669,674
FUTABA INDUSTRIAL CO., LTD. 2,878,239
FYKE, STEVEN HENRY 2,821,838
GAGE, WILLIAM ANTHONY 2,795,976
GAGNON, MARTIN 2,688,862
GAGNON, STEPHAN 2,867,205
GALECTO BIOTECH AB 2,724,064
GALLAGHER, LAWRENCE W. 2,675,938
GALLIHER, KEVIN 2,719,600
GANE, PATRICK A. C. 2,792,424
GANE, PATRICK A.C. 2,802,638
GANGULY, PARTHA 2,811,510
GARANDET, JEAN-PAUL 2,743,543
GARCIA, REUBEN P. 2,675,938
GARDNER DENVER DEUTSCHLAND GMBH 2,696,868
GARMENDIA, IKER 2,646,114
GARTZ, JEFFREY DAVID 2,689,867
GARY, DIDIER 2,654,060
GATTO, JEAN-MARIE 2,646,915
GATZEMEYER, JOHN J. 2,824,481
GAUTIER, ERIC 2,675,057
GAVEZOTTI, PIERO 2,535,906
GEARY, STUART 2,775,509
GEIBEL, MARTEL B., JR. 2,862,883
GEIGER, RALF 2,750,037
GEIPEL, WERNER 2,818,142
GELFAND, CRAIG A. 2,818,522
GENERAL ATOMICS 2,654,981
GEORGE, DONALD S. 2,862,512
GERARD, FRANCOIS 2,675,057
GERHART, WILLIAM 2,764,867
GERIS, RYAN ALEXANDER 2,847,645
GHADERI, RAOUF 2,676,010
GHANNOUM, ZIAD R. 2,843,699
GHARIB, HOSSAM MOHAMED HAMDY 2,806,543
GHAYUR, TARIQ 2,705,294
GHORISHI, S. BEHROOZ 2,659,803
GI DYNAMICS, INC. 2,595,347
GIBSON, JOHN ALAN 2,654,997
GIGNOUX, HERVE 2,730,966
GILES, MATTHEW ROBERT 2,703,023
GILJE, EIMUND 2,691,889
GILL, MICHAEL JOHN 2,677,546
GILSON, ALAN JAMES 2,887,193
GISBY, DOUGLAS MICHAEL 2,794,744
GIZURARSON, SVEINBJORN 2,676,010
GLAZIER, BARRY D. 2,690,648
GLEITER, CHRISTOPH H. 2,696,892
GODAGER, OIVIND 2,782,635
GODFREY, JAMES ANDREW 2,747,930
GOGUEN, JOSEPH 2,771,845
GOLABEK, ROBERT S., JR. 2,817,578
GOLDFINGER, TODD 2,439,565
GOMES, MICHAEL JOHN 2,691,112
GONG, YANFENG 2,794,964
GONZALEZ, MARIA RAMIREZ 2,825,734
GOOGLE INC. 2,631,690
GORDON MURRAY DESIGN LIMITED 2,720,481
GORDON, PAUL 2,847,228
GOROKHOV, ALEXEI 2,628,478
GOTSICK, TIMOTHY 2,830,267
GOUDREAULT, ISABELLE 2,898,535
GOULD, JAMES 2,854,948
GRAALFS, HEINER 2,687,930
GRAF, IRINA V. 2,810,642
GRAHAM, SIMON JAMES 2,678,419
GRAHAM, TIMOTHY SCOTT 2,887,193
GRAND, YVON 2,658,072
GRANGE, ODILE 2,751,026
GRAVETT, DAVID 2,677,498
GREEN, STEPHEN 2,817,203
GREESON, BILLY 2,808,081
GREEVENBOSCH, BERT 2,791,046
GREGER, FLORIAN 2,727,152
GREGG DRILLING & TESTING, INC. 2,851,519
GREGG, JOHN 2,851,519
GRIECO, JAMES R. 2,852,969
GRIESGRABER, GEORGE W. 2,594,674
GRIFFIN, JASON TYLER 2,821,838
GRIFFO, ANTHONY 2,619,547
GRIGORIEV, VLADIMIR A. 2,706,446
GRILL, BERNHARD 2,791,046
GRIMBERG, EDWARD JOHN JR. 2,811,018
GRINBERG, ALEXANDER 2,530,653
GRISOSTOMI, CORINNA 2,706,836
GROOTENHUIS, PETER D. J. 2,705,562
GROTZFELD, ROBERT M. 2,646,437
GRUBBS, ROBERT H. 2,441,500
GRUBER, THOMAS ROBERT 2,792,442
GRYWACHESKI, SHELDON J. 2,670,242
GUENTHERBERG NORBERT 2,727,152
GUERRET, OLIVIER 2,665,040
GUERRET, OLIVIER 2,679,294
GUILLEMONT, JEROME EMILE GEORGES 2,645,959
GUILLOT, SONIA 2,658,909
GULFSTREAM AEROSPACE CORPORATION 2,852,969
GUM, ARNOLD JASON 2,833,073
GUMM, DARREL C. 2,628,215
GUPTA, SUDHIR 2,791,317
GUPTA, VIKAS 2,574,215
GUSH, KEITH 2,687,459
GUTHRIE, BRIAN 2,689,685
GUZMAN-CASILLAS, ARMANDO 2,794,964
GUZZONI, DIDIER RENE 2,792,442
GVOZDENOVIC, ERIC 2,730,966
H.J. HEINZ COMPANY 2,839,524
HAAS, MICHAEL S. 2,781,389
HABASIT AG 2,680,685
HABIB, WALID 2,699,142
HADIDA RUAH, SARA 2,705,562
HADRUP, SINE REKER 2,742,529
HAFELLNER, REINHARD 2,657,511
HAGENBUCH, LEROY G. 2,826,124
HAGMANN, PETER 2,838,242
HALBUR, PATRICK G. 2,784,260
HALLIBURTON ENERGY SERVICES, INC. 2,449,787
HALLIBURTON ENERGY SERVICES, INC. 2,834,244
HALLUNDBAEK, JORGEN 2,709,318
HAMANN, LAWRENCE G. 2,758,047
HAMED, EHAB 2,699,142
HAMM, RAINER 2,728,058

HAN, MU 2,742,111
HAN, WOO-JIN 2,816,755
HANA CONSULTING INC. 2,726,075
HANANJA EHF 2,676,010
HANMI SCIENCE CO., LTD. 2,850,055
HANSEN, GARRET WILLIAM 2,689,867
HANSSON, MIKAEL 2,742,161
HANWHA CHEMICAL CORPORATION 2,798,371
HANWHA CHEMICAL CORPORATION 2,827,752
HARDRE, HELENE 2,688,593
HARDY, CRAIG JULIAN 2,737,446
HARRIS CORPORATION 2,862,512
HARRISON, NICK 2,869,043
HARTMAN, GLENN 2,719,600
HARTMAN, LUKE 2,577,905
HASSAN, AMER A. 2,704,519
HASSELBUSCH, MICHAEL 2,882,411
HAUSHERR, ARNDT 2,728,058
HAUSMAN, DAVID J. 2,690,648
HAYASHI, SHINYA 2,746,036
HAYES, EARL J. 2,710,110
HE, DAKE 2,800,119
HE, DAKE 2,801,767
HEATH, RICHARD W. 2,655,771
HEERZE, LOUIS D. 2,755,630
HEERZE, LOUIS D. 2,755,631
HEIDNER, MATTHEW 2,664,707
HEISE, ULRIK 2,806,933
HELD, BRUCE 2,714,460
HELD, DEREK 2,805,411
HELDT, LUKASZ 2,809,224
HELLMUTH, OLIVER 2,701,457
HELLMUTH, OLIVER 2,806,933
HELLMUTH, OLIVER 2,827,326
HENDRIX, JOHN A. 2,836,941
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES 2,755,630
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES 2,755,631
HERAEUS MEDICAL GMBH 2,852,352
HERAEUS MEDICAL GMBH 2,852,508
HERR, ANNA Y. 2,797,908
HERR, QUENTIN P. 2,797,908
HERRE, JUERGEN 2,701,457
HERRE, JUERGEN 2,827,326
HESCO BASTION LIMITED 2,632,249
HESELDEN, JAMES 2,632,249
HESS, KRISTOFFER 2,605,314
HEVIA-MONTIEL, NIDIYARE 2,656,299
HEXCEL CORPORATION 2,873,117
HIAR, EDWARD CHARLES 2,631,690
HICKS, DION 2,884,541
HICKS, DION 2,920,422
HIDASA, JUNNEI 2,695,666
HIGHBRIDGE, DOUG 2,847,752
HILPERT, JOHANNES 2,701,457
HINKLEY LIGHTING, INC. 2,891,580
HIRANO, ATSUYA 2,739,879
HIRASAWA, TOMOKI 2,907,248
HIRAYAMA, AKI 2,723,118
HIROSE, SHIMPEI 2,894,522
HISPANO SUIZA 2,658,072
HL SCIENCE & TECHNOLOGY LIMITED 2,753,619
HO, DAVID 2,577,068
HOELZER, ANDREAS 2,701,457
HOFFMANN, TORSTEN 2,679,446
HOLM, PER SONNE 2,466,889
HOLMES, JOHN FRANCIS 2,794,744
HOLMES, PAUL 2,817,578
HONDA MOTOR CO., LTD. 2,827,553
HONDA MOTOR CO., LTD. 2,852,509
HONDA MOTOR CO., LTD. 2,884,996
HONMA, SATOSHI 2,827,553
HOPKINS, JERRY 2,638,640
HOREL, JERRY 2,640,117
HORIGAN, GERALDINE 2,679,217
HORMANN, ROBERT E. 2,718,494
HORROCKS, SCOTT 2,717,866
HOUGHTON, CHRISTOPHER MARK 2,716,574
HUANG, JR-KAI 2,850,859
HUANG, YU 2,695,623
HUAWEI TECHNOLOGIES CO., LTD. 2,695,529
HUBBELL INCORPORATED 2,638,202
HUBIG, STEPHAN M. 2,676,238
HUGHES, DAVID CHARLES 2,747,227
HUITEMA, CHRISTIAN 2,704,519
HUNG, MICHAEL HIN KAI 2,738,600
HUNTSMAN INTERNATIONAL LLC 2,732,421
HUYGENS, ERIC 2,732,421
HYEON, TAEGHWAN 2,798,371
HYEON, TAEGHWAN 2,827,752
HYUNDAI TRANSLEAD 2,807,710
ICE EDGE BUSINESS SOLUTIONS LTD. 2,665,637
ICHIHASHI, FUMITAKA 2,873,117
IENGO, PAOLO 2,535,906
IGARASHI, JUEI 2,709,714
IGT 2,646,915
IGT 2,679,621
IKANO THERAPEUTICS INC. 2,676,010
ILLINOIS TOOL WORKS INC. 2,826,944
IMUNEKS FARMA ILAC SANAYI VE TICARET A.S. 2,795,038
INCORONATO, ARNE 2,709,124
INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION 2,759,258
INDEX PHARMACEUTICALS AB 2,612,162
INFOSEC GLOBAL INC. 2,855,099
INGENICO FRANCE 2,654,060
INGETEAM POWER TECHNOLOGY, S.A. 2,646,114
INNOSPEC LIMITED 2,703,023
INO THERAPEUTICS LLC 2,836,041
INSIDE SECURE 2,599,997
INSIDE SECURE 2,658,621
INSMED INCORPORATED 2,838,108
INTELLI-CHECK, INC. 2,525,614
INTELLIGENCE IN MEDICAL TECHNOLOGIES 2,656,299
INTERDIGITAL PATENT HOLDINGS, INC. 2,801,556
INTERDIGITAL PATENT HOLDINGS, INC. 2,801,918
INTREXON CORPORATION 2,718,494
INVENTYS THERMAL TECHNOLOGIES INC. 2,809,502
INVISTA TECHNOLOGIES S.A.R.L. 2,794,464
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,784,260
IRONSHORE PHARMACEUTICALS & DEVELOPMENT, INC. 2,830,788
ISHIKAWA, HIDEAKI 2,859,191
ISHIOKA, MASAHITO 2,785,688
ISHIYAMA, TOMOYUKI 2,790,278
ISOTERA LIMITED 2,559,194
ISPAN SYSTEMS LP 2,774,271
IX 2,711,463
IZUHARA, DAISUKE 2,657,462
J.D. CALATO MANUFACTURING CO., INC. 2,528,296
J2 GLOBAL COMMUNICATIONS 2,595,338
JACKSON, RONALD EDWARD, JR. 2,862,512
JACOBS, ANDRE 2,631,690
JAGER, MARCO DICK 2,692,967
JAHN, MICHAEL WALTER 2,817,558
JAIN, DEEPAK 2,698,891
JAIN, STUTI 2,711,463
JAKOB, LAURENT 2,744,296
JAMIESON, JOHN 2,866,063
JANI, SHILESH C. 2,698,258
JANIK, RAYMOND G. 2,710,542
JANKOWSKI, RON 2,673,117
JANSSEN PHARMACEUTICA NV 2,699,707
JANSSON, MICHAEL 2,564,125
JASMIN, SIMON 2,809,896
JASSY, ANDREW R. 2,574,215
JASTI, VENKATESWARLU 2,878,217
JAWORSKI, LESZEK S. 2,807,710
JAYARAMAN, SURESH SAMBAMURTHY 2,715,680
JELINEK, NANNI 2,690,844
JEON, BONG-SIK 2,827,752
JEONG, HAE-JOO 2,679,572
JI, TIANYING 2,800,119
JI, TINGFANG 2,794,301
JI, TINGFANG 2,885,051
JI, XIAOSHEN 2,665,494
JIANG, JIE 2,840,323

JIMENEZ, EDUARDO J. 2,824,481
JIN, SONG 2,513,469
JOHN, JAMES DANIEL 2,869,043
JOHN, STUART 2,682,104
JOHN, TILO 2,701,977
JOHNSON JR., THEODORE OTTO 2,847,540
JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED 2,847,228
JOHNSON, DANA L. 2,726,911
JOHNSON, ERIC A. 2,691,825
JOHNSON, GREGG 2,866,063
JOHNSON, MARTIN P. 2,662,362
JOHNSON, SONYA S. 2,805,411
JOLY, SAMUEL 2,738,171
JONAITIS, DAVID T. 2,871,864
JONES, DONALD K. 2,581,704
JONES, JERRY A. 2,676,543
JORDAN, ANDREAS 2,712,832
JOY MM DELAWARE, INC. 2,821,383
JUDASZ, THIERRY 2,500,990
JUDELSON, DAVID N. 2,779,525
JUDSON, JARED ALDEN 2,676,096
JULIUS BLUM GMBH 2,849,117
JUNO MANUFACTURING, INC. 2,559,194
JX NIPPON MINING & METALS CORPORATION 2,840,560
KABUSHIKI KAISHA ATSUMITEC 2,691,986
KABUSHIKI KAISHA ATSUMITEC 2,691,988
KABUSHIKI KAISHA TOSHIBA 2,603,720
KABUSHIKI KAISHA TOSHIBA 2,620,455
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI 2,884,512
KACHALA, MICHAEL 2,891,580
KAGAWA, KYOICHI 2,695,666
KAISER, JOHN M. 2,690,648
KAKIVAYA, GOPALA KRISHNA R. 2,516,517
KALOGROULIS, ALEXANDER JOSHEF 2,729,079
KAMKAR, KIRTAN SHRAVAN 2,715,680
KARANJGAOKAR, C. G. 2,794,464
KARCZEWICZ, MARTA 2,830,381
KATH, JOHN CHARLES 2,847,540
KATHOLIEKE UNIVERSITEIT LEUVEN 2,660,605
KATO, NORIHIKO 2,884,512
KATO, TAKANORI 2,812,905
KATSURAGAWA, HIROSHI 2,695,529
KAWANAMI, KOUTAROU 2,859,191
KAYSER, ARMIN 2,738,171
KEEFE, JAMES M. 2,695,468
KELLOGG-SMITH, PETER 2,664,515
KELLY, JEFFERY W. 2,800,237
KELLY, STEPHEN 2,687,459
KENNEDY, SHARON 2,824,481
KENSICHER, YVES 2,679,294
KERESMAN, MICHAEL 2,596,257
KERN, ANDREAS 2,701,977
KERTZ, MALCOLM GLEN 2,733,098
KESAVAN, SUBRAMANIAN 2,826,313
KESHAVAN, MADAPUSI K. 2,619,547
KESSLER, THOMAS 2,729,148
KESSLER, ULRICH 2,705,101
KEUTE, JOSEPH S. 2,831,213
KEY ENERGY SERVICES, INC. 2,639,345
KHAN, GABRIEL DEEN 2,779,982
KHANDUJA, CHIRANJEEV 2,734,215
KHANDUJA, THANWANT 2,734,215
KHARKOVER, ILIA 2,704,824
KHIAVI, SOHEIL 2,809,502
KHLESTKIN, VADIM 2,811,510
KIDO, RYAN 2,677,491
KIISKILA, JASON C. 2,829,395
KILIAN, WOJCIECH 2,809,224
KIM, CHAN-YUL 2,878,206
KIM, CHANG-HO 2,713,119
KIM, DANIEL H. 2,711,955
KIM, EUNG GYU 2,827,752
KIM, HOON 2,832,181
KIM, IN WOOK 2,788,344
KIM, JI TAE 2,874,069
KIM, JONG BOO 2,874,069
KIM, JUNGTAE 2,713,119
KIMBRELL, EDDIE 2,746,868
KIMBRELL, EDDIE 2,792,885
KING, BRUCE A. 2,715,442
KINKER, BERNARD 2,586,713
KINNEY, ANTHONY J. 2,851,896
KINOSHITA, RYOSUKE 2,852,509
KINSLEY, MICHAEL 2,679,621
KIRIYAMA, KENTARO 2,812,905
KIRKUP, MICHAEL G. 2,509,119
KIRN, DAVID 2,818,693
KISHIYAMA, YOSHIHISA 2,737,882
KISSEI PHARMACEUTICAL CO., LTD. 2,725,230
KIST-EUROPE FORSCHUNGSGESELLSCHAFT MBH 2,713,119
KITAZOE, MASATO 2,758,098
KITAZOE, MASATO 2,794,301
KLEBL, BERT 2,807,620
KLEIN, DEVORAH EMILY 2,676,096
KLEIN, MICHELLE 2,640,117
KLEINER, JEFFREY 2,811,018
KLINE, ROBERT 2,738,600
KLINE, TONI BETH 2,614,436
KLISH, IAN 2,825,114
KLOEPFER, HANS 2,657,511
KLOEPFER, THOMAS 2,657,511
KNAPP, MICHAEL ROBERT 2,757,881
KNAPP, TRACEY L. 2,690,648
KNOLL, KONRAD 2,727,152
KNUTSEN, THORLEIV 2,805,536
KOA CORPORATION 2,854,878
KOBAYASHI, ARATA 2,878,239
KOBLICK, YESHAYA 2,734,492
KOCH, GUNTER 2,728,058
KOCH, UWE 2,807,620
KOEDERITZ, WILLIAM LEO 2,817,515
KOERS, FREDERIK WILLEM KAREL 2,682,548
KOIDE, YUKIKAZU 2,884,512
KOJIMA, HIROYUKI 2,827,553
KOKERNAK, MICHAEL 2,815,833
KOLEGAEV, KONSTANTIN 2,815,408
KOLLE, JACK J. 2,880,114
KONDO, KUNIO 2,795,326
KONNUSSAAR, TEET 2,682,104
KONTERMANN, ROLAND 2,680,085
KONTOROVICH, MICHAEL 2,530,653
KOUGOULOS, ELEFTHERIOS 2,840,401
KRAEGELOH, STEFAN 2,791,046
KRAL, ROBERT M. 2,871,864
KRAMER, JACQUELINE B. 2,690,648
KRASOVSKIY, ARKADY L. 2,810,642
KRAUSE, DUANE J. 2,574,215
KRAUSE, HOLGER 2,713,119
KREFT, KEITH A. 2,727,819
KRIESELS, PETRUS CORNELIS 2,702,870
KRIESELS, PETRUS CORNELIS 2,706,279
KROUGLICOF, NICK 2,884,541
KROUGLICOF, NICK 2,920,422
KRUPER, WILLIAM JOHN 2,698,602
KSHIRSAGAR, TUSHAR A. 2,594,674
KUBOTA, KEIICHI 2,775,509
KUDO, TAKESHI 2,739,879
KUDUK, WILLIAM J. 2,831,213
KUKKAMO, VESA 2,802,638
KUMAR, LALIT 2,715,680
KURIHARA, SHINICHI 2,620,455
KURITA, HIDEMI 2,854,878
KUTRYK, MICHAEL JOHN BRADLEY 2,626,805
KWON, EUN BYUL 2,827,752
KYOWSKI, TIMOTHY HERBERT 2,847,645
LAAKSONEN, LASSE 2,704,812
LAAKSONEN, LAURA 2,800,208
LABINAL 2,734,695
LAGISQUET, AURELIE 2,691,889
LAI, CHENG-JUNG 2,749,228
LALANCETTE, DANIEL 2,819,077
LALONDE, PAUL 2,679,353
LAMARCA CASADO, ROSA 2,716,723
LAMBERT, PHILIPPE 2,799,067
LAMONTAGNE, DONALD R. 2,656,636
LAMONTAGNE, DONALD R. 2,695,672
LAMPORT, RONALD B. 2,595,347
LAND, MARK S. 2,734,492
LANDAUER, INC. 2,888,852
LANDRY, NATHALIE 2,658,069
LANG, ERIC RYAN 2,645,693
LANG, MATTHIAS 2,806,933
LANGER, ROBERT S. 2,658,768
LANGMAID, MICHAEL N. 2,861,456
LANGWORTHY, DAVID E. 2,516,517
LANZAROTTA, JOSEPH M. 2,710,859
LAPENNA, SILVIA 2,718,494
LAPIERRE, DOMINIC 2,900,084
LARSEN, LARS MICHAEL 2,705,341
LAU, LEO W. M. 2,753,619
LAURENT, DIDIER 2,734,695
LE FRANC, BENOIT 2,813,547

LEAD DISCOVERY CENTER GMBH 2,807,620
LECERF, BRUNO 2,811,510
LECOMTE, JEREMIE 2,751,205
LEE, CHANG HOON 2,854,105
LEE, CHENG HSIA ANGELINE 2,746,058
LEE, CHRISTIAN S. 2,807,710
LEE, DAVID Y-W 2,665,494
LEE, HYECK-HEE 2,713,119
LEE, MING-CHIEH 2,742,111
LEE, SUN-IL 2,816,755
LEE, TAMMY 2,878,206
LEE, YOUN-WOO 2,701,785
LEEMANS, FILIP 2,797,542
LEHANE, JAMES J., JR. 2,679,353
LEHNER, DEAN TAYLOR 2,817,558
LEIGH, LEONORA 2,787,397
LEMOS, RICHARD 2,695,966
LENNOX INDUSTRIES INC. 2,847,042
LEROY, XAVIER 2,706,836
LESIUK, ROBERT MICHAEL FREDERICK 2,689,867
LEUKES, WINSTON DANIEL 2,613,238
LEVENSHTEYN, ROMAN 2,564,125
LEVINE, ANDY H. 2,595,347
LEVINE, MARK J. 2,505,859
LEWIS, BRADLEY R. 2,727,819
LI, QIMING 2,519,740
LI, XIAOFENG 2,772,029
LI, XIAOFENG 2,772,033
LI, XINGONG 2,838,108
LIANG, XUEMEI 2,788,174
LICHOTA, KRZYSZTOF 2,809,224
LICHOULAS, TED 2,746,868
LICHOULAS, TED 2,792,885
LICKRISH, DAVID 2,830,788
LIEPOLD, BERND 2,729,148
LIFE SCIENCES RESEARCH PARTNERS VZW 2,660,605
LIFE TECHNOLOGIES CORPORATION 2,798,535
LIN, DEXU 2,885,051
LIN, KENNETH SHOU-CHEIN 2,781,389
LIN, PETER YAU-TAK 2,840,350
LIN, TAO 2,840,323
LINARES, LIONEL STEPHEN 2,496,609
LINDGREN, TIM 2,689,685
LINDQUIST, EPHRAIM 2,439,565
LING, DAISHUN 2,798,371
LING, DAISHUN 2,827,752
LISTER, RYAN 2,755,631
LITTLE, HERBERT A. 2,509,119
LIU, HAITAO 2,840,323
LIU, HUAJUN 2,840,323
LIU, HUGH H. T. 2,549,817
LIU, JIAREN 2,627,094
LIU, JILI 2,900,592
LIU, KEVIN KUN-CHIN 2,847,540
LIU, LIMIN 2,654,981
LIU, PENG 2,772,029
LIU, PENG 2,772,033
LIU, QINGLIN 2,805,244
LIVCHAK, ANDREY V. 2,818,444
LOBERG, BARRIE 2,665,637
LOCUST USA, INC. 2,725,675
LOFBERG, ROBERT 2,612,162
LOGAN, AARON W. 2,900,592
LOGI D INC. 2,565,934
LOKHNAUTH, JOHN 2,682,550
LOMAX, FRANKLIN D., JR. 2,835,636
LOPEZ, OMAR D. 2,758,047
LOPEZ, RICHARD ENRIQUE 2,794,744
LOPEZ, ROMAN 2,688,593
LORETO, SALVATORE 2,564,125
LORO, GAEL 2,730,966
LOVETT, BENJAMIN M. 2,670,242
LU, ZHENGUO 2,627,094
LUBBERS, WILLEM 2,675,057
LUCEY, CHRISTINA 2,771,845
LUFTHANSA TECHNIK AG 2,679,161
LUMMUS TECHNOLOGY INC. 2,835,636
LUNDLI, STIAN 2,817,558
LUNNEY, ELIZABETH ANN 2,847,540
LUO, TAO 2,794,301
LUSCHER, HEINZ 2,680,685
LUSTY, MICHAEL E. 2,676,010
LY, JENNIFER 2,695,623
MA, TIEJUN 2,826,944
MA, ZENGHUA 2,840,323
MAAS, HEIKO 2,701,977
MACAULAY, JAMES PATRICK 2,879,032
MACDERMID PRINTING SOLUTIONS, LLC 2,830,267
MACDON INDUSTRIES LTD. 2,815,408
MACDON INDUSTRIES LTD. 2,815,421
MACDONALD, NIGEL 2,725,675
MACKAY MEMORIAL HOSPITAL 2,850,859
MACNEIL, LEVI 2,884,541
MACNEIL, LEVI 2,920,422
MADHANI, SUNIL 2,603,720
MAEDA, KAZUKO 2,823,981
MAEGERLEIN, MARKUS 2,729,148
MAERSK OLIE OG GAS AS 2,738,171
MAGFORCE AG 2,712,832
MAH, PAT Y. 2,729,079
MAHADIK, AMIT 2,741,732
MAHESHWARI, SUDEEP 2,811,510
MAK, JOHN 2,787,146
MALININ, VLADIMIR 2,838,108
MALLO, JORGE E. 2,913,672
MAMIYA, TAKASHI 2,723,118
MANDELBAUM, FRANK 2,525,614
MANGIONE, CLAYTON JOSEPH 2,490,974
MANKOWSKI, PETER 2,847,645
MANTELL, ROBERT A. 2,810,047
MANTOVANI, LUCA 2,659,138
MANZIE, PETER A. 2,810,047
MARCHEK, KYLE 2,746,868
MARCHIARULLO, DANIEL 2,818,522
MARCOLONGO, GABRIELE 2,582,027
MARCOVECCHIO, ALAN F. 2,695,468
MARECHAL, ERIC 2,688,593
MARMAROS, DAVID 2,439,565
MARRION, JEFFREY C. 2,805,443
MARS, INCORPORATED 2,690,648
MARSHALL, KRISTIN 2,691,825
MARTIN, DARYL JOSEPH 2,747,930
MARTIN, MANUEL MANZANO 2,825,734
MARTINEAU, PHILIPPE 2,658,621
MARTINENGO, GIORGIO 2,730,780
MARUSHIMA, AIKI 2,723,118
MARYA, MANUEL P. 2,808,081
MARZIANO, IVAN 2,840,401
MASCHINENFABRIK BERNARD KRONE GMBH 2,815,408
MASCHINENFABRIK BERNARD KRONE GMBH 2,815,421
MASHINCHI, MOHAMMAD HADI 2,802,503
MASON, ANDREW RUSSELL 2,725,322
MASON, ROBERT T., JR. 2,710,696
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,658,768
MASSON, RICHARD 2,822,449
MASTERCARD INTERNATIONAL INCORPORATED 2,577,333
MATHIAS, PATRICIA ANN 2,705,101
MATSUI, HIROFUMI 2,723,118
MATSUMURA, AKIRA 2,723,118
MATSUO, KIMIHIRO 2,669,674
MATTHYS, MICHAEL 2,634,444
MAUGHAN, THOMAS JOSEPH 2,861,456
MAUREL, JACQUES 2,500,990
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 2,807,620
MAYOR, JESUS 2,646,114
MAZZIO, MICHAEL C. 2,861,456
MCCALLUM, MICHAEL E. 2,724,579
MCCOLE, LAURA 2,716,590
MCCONNELL, THEODORE VAN FOSSEN 2,404,903
MCCUTCHEN, CAROL 2,716,590
MCDERMENT, IAIN GRIERSON 2,869,043
MCDONALD, LAWRENCE E. 2,659,803
MCFARLAND, NORMAN R. 2,836,941
MCGEE, WILLIAM GERALD 2,661,398
MCNICHOL, RICHARD FREDERICK 2,676,847
MCNULTY, HELENE 2,679,217
MECKAUSKAS, RIMANTAS T. 2,660,738
MEDACTA INTERNATIONAL S.A. 2,799,067
MEDECO SECURITY LOCKS, INC. 2,719,600
MEDICAGO INC. 2,658,069
MEDINA, ARTURO NORBERTO 2,680,524
MEDSOLVE LIMITED 2,823,805
MEDTRADE PRODUCTS LIMITED 2,737,446
MEDTRONIC MINIMED, INC. 2,695,966
MEDTRONIC MINIMED, INC. 2,696,230
MEDTRONIC MINIMED, INC. 2,786,399
MEHLER, CHRISTOF 2,727,152
MEIJER, JOHN 2,682,548

MEILLET, VINCENT G. 2,839,897
MELANSON, DAVID A. 2,595,347
MELENYZER, GEORGE J. 2,648,116
MELKONIAN, GEORGE 2,781,221
MELLOR, KEVIN G. 2,638,640
MELUCCI, CHARLES K. 2,682,550
MEMBRANE TECHNOLOGY AND RESEARCH, INC. 2,695,623
MEMORIAL UNIVERSITY OF NEWFOUNDLAND 2,884,541
MEMORIAL UNIVERSITY OF NEWFOUNDLAND 2,920,422
MENG, XIANG-JIN 2,784,260
MENTIERES, GAETAN 2,822,053
MENZEL, THOMAS E. 2,848,926
MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG 2,669,805
MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG 2,687,930
MERCK SHARP & DOHME B.V. 2,880,300
MERCNIK, GERY HANSY 2,757,089
MERIAL, INC. 2,701,215
MERRITT, STEVEN J. 2,693,772
MESSIER-BUGATTI-DOWTY 2,822,053
MESSIER-BUGATTI-DOWTY 2,822,449
MESSIER-BUGATTI-DOWTY 2,845,209
MESSIER-BUGATTI-DOWTY 2,847,207
MESSIER-BUGATTI-DOWTY 2,863,762
MEUNIER, MARC ELIS 2,821,838
MG PHARMA INC. 2,695,666
MIAO, SIMAN 2,848,766
MICHELSEN, UWE 2,669,805
MICROSOFT TECHNOLOGY LICENSING, LLC 2,516,517
MICROSOFT TECHNOLOGY LICENSING, LLC 2,703,555
MICROSOFT TECHNOLOGY LICENSING, LLC 2,704,519
MICROSOFT TECHNOLOGY LICENSING, LLC 2,711,463
MICROSOFT TECHNOLOGY LICENSING, LLC 2,742,111
MIDDLETON, RONDO PAUL 2,712,987
MIKRON INDUSTRIES, INC. 2,781,221
MILES, DESMOND JOHN 2,869,043
MILLER, BRIAN S. 2,838,108
MILLER, MARK 2,705,562
MILLER, ROY 2,710,097
MILLER, STEVE 2,710,097
MILLER, VAN 2,757,881
MILLET INNOVATION 2,751,026
MILLET, DAMIEN 2,751,026
MILNER, J. DUWAYNE 2,635,500
MINH, CHANH CAO 2,694,196
MINICK, KASEY JON 2,692,831
MINNO, GEORGE EDWARD 2,692,831
MISHRA, UMESH K. 2,511,005
MITCHELL, CIARAN 2,821,855
MITEL NETWORKS CORPORATION 2,791,317
MITRA, DIPTENDU 2,646,183
MITSCH, FRANZ 2,836,923
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,785,688
MITSUBISHI HITACHI POWER SYSTEMS, LTD. 2,739,879
MITSUBISHI MATERIALS CORPORATION 2,894,522
MIYAMOTO, DAISUKE 2,723,118
MOFFAT PTY LIMITED 2,682,615
MOHAN, CEDARAMPATTU 2,663,475
MOLD-MASTERS (2007) LIMITED 2,616,514
MOLLER, ARTHUR KENNETH 2,821,383
MOLLER, CLAUS SCHMIDT 2,813,007
MONGOIN, JACQUES 2,665,040
MONGOIN, JACQUES 2,679,294
MONSEGUR, YVES 2,822,053
MONTGOMERY, FREDERICK J. 2,836,041
MOON, YOUNG HO 2,850,055
MOORE, JASON L. 2,441,500
MOORE, THOMAS 2,708,957
MOORE, TIM 2,742,111
MORAVEK, SCOTT J. 2,857,723
MORAVEK, SCOTT J. 2,857,740
MORDANT, CELINE ISABELLE 2,645,959
MORELLE, CYRILLE 2,839,642
MORELLI, JOSEPH P. 2,700,711
MORGAN, JOHN P. 2,441,500
MORGAN, MICHAEL 2,884,541
MORGAN, MICHAEL 2,920,422
MORI, YASUYUKI 2,827,553
MORRIS, RICHARD 2,788,174
MORRISROE, PETER J. 2,620,854
MORTEN, GLENN A. 2,631,690
MOSKOWITZ, KEITH 2,818,522
MOSKOWITZ, KEITH A. 2,577,068
MOSS, N. RYAN 2,716,861
MOTOROLA SOLUTIONS, INC. 2,796,286
MOTOROLA SOLUTIONS, INC. 2,828,432
MOUCHNINO, CYRIL FRANCK 2,658,072
MOUSSA, WALIED AHMED MOHAMED 2,806,543
MOXLEY, JOEL, F. 2,734,492
MRAZ,RICHARD 2,678,419
MS TECHNOLOGIES LLC 2,714,460
MUELLER, MATTHIAS 2,727,152
MUESSIG, SIEGFRIED 2,738,171
MUIRHEAD, ANDREW 2,679,161
MUKHERJEE, BISWAROOP 2,795,976
MULDERS, TITIA 2,880,300
MUNDAY, MARK GREGORY 2,687,459
MUNKEL, SABINE 2,680,085
MURRAY, IAN GORDON 2,720,481
MURRAY, JOSEPH 2,866,063
MURUGANATHAN, SIVA DHARSHAN 2,795,976
MYEONG, WAN JAE 2,827,752
MYERS, MATTHEW EARLE 2,696,754
MYLLYLA, VILLE MIKAEL 2,800,208
NA, KUN 2,798,371
NABEL, GARY J. 2,776,272
NADEAU, SYLVAIN 2,900,084
NAGASAKI, YUKIO 2,723,118
NAGATA, ASAKO 2,847,540
NAGATA, YOSHIAKI 2,746,036
NAGEL, FREDERIK 2,751,205
NAGELL, ASTRID 2,709,947
NAGUIB, AYMAN FAWZY 2,628,478
NAIR, SAJIV KRISHNAN 2,847,540
NAKAMURA, KAZUHIKO 2,827,553
NAKAMURA, MASATOSHI 2,894,522
NAKAMURA, YOSHITAKA 2,838,651
NAKANO, KAZUAKI 2,827,844
NAKASONE, KAZUO 2,908,694
NALCO COMPANY 2,706,446
NAMBAKAM, VASUDEV 2,741,732
NANOTHERAPEUTICS, INC 2,699,172
NANOVELOS SP. Z O.O. 2,866,682
NASS, GEOFFREY D. 2,836,941
NATARAJ, SACHIN 2,734,215
NATILI, RICHARD PETER, JR. 2,540,346
NATIONAL OILWELL VARCO, L.P. 2,817,515
NATIONAL RESEARCH COUNCIL OF CANADA 2,627,094
NATURAL PHARMACIA INTERNATIONAL, INC. 2,665,494
NEC CORPORATION 2,646,183
NEC CORPORATION 2,809,224
NEDACHI, YOSHIAKI 2,827,553
NEKTAR THERAPEUTICS 2,799,282
NELSON, ALFONSO EGUEED 2,706,997
NELSON, GARY 2,904,942
NENNE, TIMOTHY MICHAEL 2,882,411
NESTEC S.A. 2,640,575
NESTEC S.A. 2,705,101
NESTEC S.A. 2,712,987
NESTEC S.A. 2,719,059
NEUENDORF, MAX 2,750,037
NEWLOVE, ROD J. 2,734,479
NEWMAN, FREDERIC M. 2,639,345
NEWMAN, KENNETH RAY 2,496,609
NG, MICHAEL 2,729,079
NGUYEN, NGUYEN 2,800,119
NGUYEN, PHIL TIEN 2,640,117
NIBCO, INC. 2,655,771
NIE, HENG-YONG 2,753,619
NILSSON, ULF 2,724,064
NIPPON GAS CO., LTD. 2,878,157
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,790,278
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,795,326
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,812,905
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,827,844
NIROGI, RAMAKRISHNA 2,878,217
NISHIMIZU, AKIRA 2,739,879
NODA, NAONOBU 2,759,258
NOKIA TECHNOLOGIES OY 2,704,812
NOKIA TECHNOLOGIES OY 2,775,509

NOKIA TECHNOLOGIES OY	2,800,208
NOLAND, MADELEINE	2,815,833
NORMANDIN, IRENE	2,809,896
NORTHGATE TECHNOLOGIES INC.	2,810,047
NORTHROP GRUMMAN SYSTEMS CORPORATION	2,797,908
NOVACHIPS CANADA INC.	2,667,904
NOVAK, ROBERT	2,795,976
NOVARTIS AG	2,680,524
NOVARTIS AG	2,692,831
NOVARTIS AG	2,838,242
NTT DOCOMO, INC.	2,737,882
NTT DOCOMO, INC.	2,756,419
NUC ELECTRONICS CO., LTD.	2,874,069
O'CONNELL, KEVIN	2,805,244
O'DONNELL, BRIAN J.	2,890,729
OBERHOLZER, MATHEW RICHARD	2,737,932
OCEANEX INC.	2,893,269
OGAWA, ATSUSHI	2,663,279
OGAWA, HIDEHARU	2,759,020
OGUMA, NOBUHIRO	2,894,522
OH, BUM SUK	2,832,181
OH, HAKJUNE	2,667,904
OHBA, YOSHIHIRO	2,603,720
OHE, TARO	2,795,326
OHMIYA, AKEMI	2,759,258
OKA, ANAND RAVINDRA	2,808,107
OKADA, YURIKO	2,657,462
OKAMI, HIROHISA	2,878,239
OKAMOTO, RIKI	2,827,844
OKOSHI, SATORU	2,884,996
OLVERA-HERNANDEZ, ULISES	2,801,918
OMERAGIC, DZEVAT	2,519,740
OMEROS CORPORATION	2,648,188
OMS INVESTMENTS, INC.	2,701,430
OMYA INTERNATIONAL AG	2,792,424
OMYA INTERNATIONAL AG	2,802,638
ORASURE TECHNOLOGIES, INC.	2,676,096
ORBUSNEICH MEDICAL, INC.	2,626,805
ORSER, CINDY S.	2,577,068
OTC SYSTEMS LTD.	2,887,193
OTOME, YOHEI	2,795,326
OTT SUBSEA BAG TECHNOLOGY AS	2,709,124
OTTE, FRANK	2,680,685
OTTO BOCK HEALTHCARE GMBH	2,704,792
OTTOMANELLI, MICHAEL JOSEPH	2,862,512
OWEN OIL TOOLS LP	2,689,867
OWENS, BETSY	2,801,725
OY HALTON GROUP LTD.	2,818,444
PACKHAEUSER, CLAUDIA	2,729,148
PADIGALA, MAHESH	2,535,906
PADIR, HALIL	2,789,759
PAKHLEVANYAN, GARY	2,852,969
PALERM, CESAR C.	2,786,399
PALL CORPORATION	2,788,174
PALMER, ASHLEY	2,817,578
PAN, YUANLONG	2,640,575
PANGARO, GIAN A.	2,676,096
PANSARE, NIKHIL	2,884,541
PANSARE, NIKHIL	2,920,422
PARENT, JAMES B.	2,648,188
PARENT, STEPHAN D.	2,871,864
PARIKH, PRIMIT	2,511,005
PARINS, DAVID J.	2,695,370
PARK, JI HOON	2,854,105
PARK, JU YOUNG	2,827,752
PARK, WOORAM	2,798,371
PARK, YOUNG JIN	2,832,181
PARKER, SHERRY	2,626,805
PARMENTIER, REMY	2,709,714
PARRISH, DAVID C.	2,675,938
PARRY, THOMAS OWEN	2,794,744
PASSLOGY CO., LTD.	2,759,020
PASTRICHA, JAY	2,673,117
PASTUSEK, PAUL E.	2,770,230
PATEL, AMAR ARVIND	2,696,754
PATEL, HITESH K	2,646,437
PATEL, MADHUSUDAN	2,824,481
PATEL, RAJESHKUMAR	2,787,105
PATSTONE, CHRISTOPHER H.	2,790,360
PAULUS, JOUNI	2,827,326
PAYETTE, GREGORY S.	2,890,729
PAYWITHMYBANK, INC.	2,530,653
PEARCE, JEREMIAH GLEN	2,716,145
PECK, DAVID M.	2,638,202
PEDERSEN, ERIC	2,758,873
PEDROSA, JOSE MARIA LOPEZ	2,825,734
PEGG, ALBERT MURRAY	2,767,571
PELICAN BIOPHARMA, LLC	2,790,360
PELLETIER, DAVID	2,743,543
PELLETIER, JOELLE	2,658,069
PELLETT, SABINE	2,691,825
PEREZ, ALEJANDRO BARRANCO	2,825,734
PEREZ, JULIO	2,865,661
PERFETTI VAN MELLE S.P.A.	2,702,553
PERKINELMER, INC.	2,620,854
PERKINS, MICHAEL C.	2,675,938
PERMA-LINER INDUSTRIES, LLC	2,854,948
PERRAS, MICHELLE	2,801,556
PERRON, GERALD	2,898,535
PETERSON, MICAH NATHANAEL	2,783,158
PETITJEAN, BENOIT	2,692,620
PETTINOTTI, SERGE DOMINIQUE	2,658,072
PFIZENMAIER, KLAUS	2,680,085
PFIZER INC.	2,847,540
PFIZER LIMITED	2,840,401
PFLEGHAR, MARK	2,812,366
PHILIPPE, RICHARD	2,565,934
PHOU, LY	2,695,966
PICKEL, JOERG	2,791,046
PIETTRE, ARNAUD MARCEL PIERRE	2,699,707
PISAK, IBRAHIM MUSTAFA ISKENDER	2,795,038
PISAK, MEHMET	2,795,038
PIXIUM VISION SA	2,717,183
PLANKEN, SIMON PAUL	2,847,540
PLANTE, JAMES	2,632,738
PLUCINSKI, GREGORY G.	2,676,010
PODREBARAC, GARY G.	2,808,620
POEHLING, FABIAN	2,738,171
POITRAS, DANIEL	2,627,094
POLONKA, JACK	2,715,061
POLONKA, JACK	2,715,168
PONCELET, VIRGINIE SOPHIE	2,699,707
POOLE, PHILIP	2,627,094
POPP, HARALD	2,751,205
PORODO, JEROME	2,740,036
PORTER, DAVID	2,893,269
POTHIER, JULIEN	2,706,836
POWELL, GEOFFREY GEORGE	2,696,868
POWERS, DONALD E.	2,829,395
POWERS, EVAN T.	2,800,237
POWNELL, EDWARD JAMES	2,916,965
PPG INDUSTRIES OHIO, INC.	2,857,723
PPG INDUSTRIES OHIO, INC.	2,857,740
PRAKASH, RAJAT	2,794,301
PRAMMER, MANFRED G.	2,449,787
PRIEUR, SEBASTIEN	2,900,084
PRIMAZOT, GERALDINE	2,716,665
PRIMEQUAL S.A.	2,679,152
PRIMOZONE PRODUCTION AB	2,742,161
PRIMUS POWER CORPORATION	2,675,434
PRO NATURA GESELLSCHAFT FUER GESUNDE ERNAEHRUNG MBH	2,669,247
PROBIODRUG AG	2,679,446
PROEBSTLE, HANS-ULRICH	2,701,977
PROGENICS PHARMACEUTICALS, INC.	2,865,661
PROKEIN, PETER	2,827,326
PROPARMS LTD.	2,899,643
PROSONIX LIMITED	2,680,105
PROUS, SANTIAGO RULL	2,709,947
PRUCHNIC, RYAN	2,673,117
PRUD'HOMME-LACROIX, PIERRE	2,872,810
PRUITT, JOHN DALLAS	2,838,242
PTS DIAGNOSTICS	2,657,511
PUETTER, JENS J.	2,710,110
PUJ, LLC	2,709,972
PULAKKA, HANNU JUHANI	2,800,208
PUNJABI, MANISH	2,771,845
PURVIS, JOHN	2,679,217
PURYK, CORWIN M.	2,670,242
PUSCH, MARTIN	2,704,792
PYEON, HONG BEOM	2,667,904
QIAGEN SCIENCES, LLC	2,678,751
QIAN, CHANGGENG	2,749,228
QUALCOMM INCORPORATED	2,628,478
QUALCOMM INCORPORATED	2,640,117
QUALCOMM INCORPORATED	2,698,269
QUALCOMM INCORPORATED	2,758,098
QUALCOMM INCORPORATED	2,794,301
QUALCOMM INCORPORATED	2,830,381

QUALCOMM INCORPORATED 2,833,073
QUALCOMM INCORPORATED 2,885,051
QUIRION, FRANCOIS 2,898,535
QUORUS BIOTECH (PROPRIETARY) LIMITED 2,613,238
RAB LIGHTING, INC. 2,847,752
RABBANI, ELAZAR 2,754,415
RAHEEL, MUHAMMAD M. 2,679,353
RAHMAN, TAUFIQUR 2,884,541
RAHMAN, TAUFIQUR 2,920,422
RAIMO, JEFFREY A. 2,836,941
RAJENDRAN, KAMALA 2,563,952
RAJENDRAN, RAMASWAMY 2,563,952
RAKIEWICZ, EDWARD F. 2,857,723
RAKIEWICZ, EDWARD F. 2,857,740
RAKUTEN, INC. 2,815,833
RALEIGH, JAMES A. 2,665,494
RAMANATH, SRINIVASAN 2,809,435
RAMBOW, FREDERICK HENRY KREISLER 2,716,145
RAMO, ANSSI 2,704,812
RAND, JAMES S. 2,897,539
RANDLE, STUART A. 2,595,347
RAPLEY, ANTHONY CHARLES 2,715,686
RAPPON, JOSEPH MICHAEL 2,838,242
RASBAND, PAUL BRENT 2,474,254
RASMUSSEN, KELD 2,662,032
RATH, ALEXANDER 2,717,183
RATIOPHARM GMBH 2,690,844
RAULAND-BORG CORPORATION 2,675,938
RAVAGNAN, GIANPIERO 2,582,027
RAVIKUMAR, RAVI 2,818,618
RAYMOND, SYLVAIN 2,627,094
RAYTHEON COMPANY 2,660,738
RAZAVI, HOSSEIN 2,800,237
REATA PHARMACEUTICALS, INC. 2,871,864
RECCHIA, DAVID A. 2,830,267
RECHTIENE, JOSEPH BERNARD 2,705,101
REED, GEOFFREY 2,783,283
REED, GRAHAM 2,847,228
REED, KEITH 2,691,112
REED, THOMAS W., JR. 2,816,727
REGAN, JOSEPH JAMES 2,658,341
REKKER, TJALLING 2,794,478
REKLAITIS, BRIAN 2,825,114
REN, ZHONGXU 2,799,282
RENTSCH, SAMUEL 2,792,424
RESTREPO, NICOLAS E. 2,658,341
RETZKE, BRIAN A. 2,696,754
REVINGTON, ADRIAN 2,879,032
REYBURN, COLIN 2,530,653
REYES, ERIC 2,771,845
REYNOLDS, ARLEIGH JAMES 2,712,987
REZNIK, YURIY 2,698,269
RHEAULT, SEBASTIEN 2,688,862
RHODIA OPERATIONS 2,826,313
RIBOSCIENCE LLC 2,869,317
RICE, LIZ 2,682,104
RICHARD-BILDSTEIN, SYLVIA 2,706,836
RICHARDSON, BENJAMIN TODD 2,709,972
RICHARDSON, KATHRYN A. 2,709,972
RIDGWAY, CATHERINE JEAN 2,802,638
RIEGER, HANSJOERG 2,676,614
RIEGER, JOHANNES WERNER 2,676,614
RILEY, JOHN D. 2,726,911
RIMMER, PHILIP JOHN 2,559,194
RINZLER, CHARLES C. 2,734,492
RIVAS, FREDERIC 2,744,296
RIVAS, GREGORIO 2,646,114
RIZKALLAH, GERARD 2,821,838
ROBERSON, CLYDE T. 2,719,600
ROBERTS, MATTHEW 2,884,541
ROBERTS, MATTHEW 2,920,422
ROBERTS, WILLIAM M. 2,648,116
ROBERTSON, JAMES M. 2,840,350
ROBILLARD, CHARLES 2,867,205
ROBINSON, DAVID L. 2,711,966
ROBINSON, JAMES 2,680,105
ROBINSON, JASON 2,676,096
ROE, STEVEN N. 2,822,687
ROH, EUI DONG 2,854,105
ROHR, STEFAN 2,680,685
ROMAN, NICHOLAS 2,916,965
ROMANSKI, BARTLOMIEJ 2,809,224
ROMARK LABORATORIES, L.C. 2,636,527
ROMER, DUANE RONALD 2,698,602
ROOS, WILLEM FREDERIK 2,773,498
ROQUES, SERGE 2,734,695
ROSS, JAMES S. 2,702,120
ROSS, ROBERT S. 2,817,578
ROSSIGNOL, JEAN-FRANCOIS 2,636,527
ROSSO, AARON CHARLES 2,696,754
ROSSO, CHARLOTTE 2,656,299
ROTH, CHRISTOPH ANDREAS 2,861,456
ROTOLE, DAVID VINCENT 2,645,693
ROTSHTEYN, YAKOV 2,865,661
ROUSSEAU, BERNARD 2,688,593
ROUWENDAL, GERARD JOHAN ADOLPH 2,799,805
ROVI GUIDES, INC. 2,664,515
ROWE, KEITH 2,703,555
ROWLAND, STEPHEN M. 2,626,805
ROY, ANIRBAN 2,786,399
ROY, JEAN-FRANCOIS 2,867,205
RUAN, WEN 2,829,569
RUDOLPH, ALAN S. 2,577,068
RUECKERT, FRANK 2,852,600
RUECROFT, GRAHAM 2,680,105
RUND, MARTIN 2,638,947
RUSSELL, PAUL, JR. 2,714,460
RVT PROCESS EQUIPMENT GMBH 2,818,142
RYAN, ROBERT D. 2,826,944
RYDER, NICHOLAS GEORGE ALFRED 2,715,686
S & C ELECTRIC COMPANY 2,662,362
SADDLER, HARRY JOSEPH 2,792,442
SAFEBRAIN SYSTEMS, INC. 2,734,479
SAH, AMIT 2,715,680
SAIDANI, NADIA 2,688,593
SAINT-GOBAIN ABRASIFS 2,809,435
SAINT-GOBAIN ABRASIVES, INC. 2,809,435
SAINT-REMY, JEAN-MARIE 2,660,605
SAKURAI, SHIN 2,669,674
SAMSON, YVES 2,656,299
SAMSUNG ELECTRONICS CO., LTD. 2,679,572
SAMSUNG ELECTRONICS CO., LTD. 2,788,344
SAMSUNG ELECTRONICS CO., LTD. 2,816,755
SAMSUNG ELECTRONICS CO., LTD. 2,878,206
SANCHEZ, ANA 2,879,032
SANCHEZ, ANTHONY 2,776,272
SANDERS, LISA M. 2,705,744
SANGHERA, RICK 2,676,425
SANGHERA, RICK 2,695,468
SATO, SANAE 2,759,258
SAUCIER, KENNETH A. 2,809,435
SAUVIGNET, PHILIPPE 2,658,909
SAVAGE, JEFFREY 2,693,772
SAVARD, SYLVAIN 2,658,069
SAWAHASHI, MAMORU 2,737,882
SCHAPPELL, DAVID A. 2,574,215
SCHARKOV, JOHN IVAN 2,821,838
SCHENKER, STEFAN 2,705,101
SCHEURICH, PETER 2,680,085
SCHILLING, STEPHAN 2,679,446
SCHLUMBERGER CANADA LIMITED 2,519,740
SCHLUMBERGER CANADA LIMITED 2,611,798
SCHLUMBERGER CANADA LIMITED 2,657,724
SCHLUMBERGER CANADA LIMITED 2,672,974
SCHLUMBERGER CANADA LIMITED 2,694,196
SCHLUMBERGER CANADA LIMITED 2,709,714
SCHLUMBERGER CANADA LIMITED 2,750,415
SCHLUMBERGER CANADA LIMITED 2,805,244
SCHLUMBERGER CANADA LIMITED 2,808,081
SCHLUMBERGER CANADA LIMITED 2,811,510
SCHMIDT, DAVID RUSSELL 2,439,565
SCHMIDT, ROBERT KYLE 2,845,209
SCHMITT, BENOIT ANTOINE 2,645,959
SCHMOCK, PETER 2,687,459
SCHMOTZER, HANS 2,698,258
SCHNEIDER ELECTRIC USA, INC. 2,816,727
SCHOENTJES, BRUNO 2,699,707
SCHOLLE CORPORATION 2,577,905
SCHOLZ, ULRICH 2,728,058
SCHULTZ-FADEMRECHT, CARSTEN 2,807,620
SCHUMACHER, ANTONIUS NICOLAAS MARIA 2,742,529
SCHUMACHER, GLENN 2,787,105

SCHUMACHER, JON 2,862,797
SCHUSTER, MICHAEL 2,727,152
SCHWAEBLE, HANS-WILHELM 2,648,188
SCHWARTZMILLER, DAVINA J. 2,857,723
SCHWARTZMILLER, DAVINA J. 2,857,740
SCHWEITZER ENGINEERING LABORATORIES, INC. 2,794,964
SCIANNA, CARLO 2,710,542
SCIENTIFIC DRILLING INTERNATIONAL, INC. 2,764,152
SCOTT, JOHN 2,679,217
SCOTT, ROBERT 2,680,524
SDB IP HOLDINGS, LLC 2,858,711
SEARS BRANDS, LLC 2,801,725
SEATTLE GENETICS, INC. 2,614,436
SEBASTIANO, GREG 2,793,590
SECUREALERT, INC. 2,717,866
SEKAR, VAITHILINGAM 2,714,460
SEKIJIMA, YOSHIKI 2,800,237
SELAMOGLU, MEHMET LEVENT 2,795,038
SEMINIS VEGETABLE SEEDS, INC. 2,628,656
SENSOR DEVELOPMENTS AS 2,782,635
SENTELL, KAREN BELINDA 2,692,831
SHAH, MANISH S. 2,696,341
SHAH, RAJIV 2,695,966
SHAH, RAJIV 2,696,230
SHAHEEN, KAMEL M. 2,801,556
SHAN, JINJUN 2,549,817
SHAN, JUFANG 2,772,029
SHAN, JUFANG 2,772,033
SHANKAR, RAVI B. 2,698,602
SHANNON, STEVE 2,664,515
SHARKASI, TAWFIK 2,781,389
SHELDON, GLORIA T. 2,805,411
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,692,967
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,702,870
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,706,279
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,716,145
SHEN, HUI 2,704,519
SHEN, JOHN 2,741,732
SHEN, YUELIN 2,619,547
SHEPHERD, PHILIP 2,781,389
SHERBERT, KEVIN W. 2,759,916
SHERRINGTON, CAROLE FRANCES 2,559,194
SHERWIN, FRANCIS 2,596,257
SHESHIN, LEONID OLEGOVICH 2,739,578
SHEYNBLAT, LEONID 2,833,073
SHINDE, ANIL KARBHARI 2,878,217
SHIRLEY, LYLE G. 2,805,443
SHIROKURA, SHINYA 2,884,996
SHKURTI, PIRO 2,648,116
SHOJI, MASAHIRO 2,859,191
SHRESTH, RUDRA SAURABH 2,715,680
SHRUM, GARY PAUL 2,788,007
SHU, CHENG YI JENNY 2,742,529
SHUEY, KENNETH C. 2,710,696
SHUTAK, ALEXANDER KINGSTON 2,658,341
SHUTO, HIROSHI 2,827,844
SIEBENS, LARRY N. 2,821,465
SIEMENS INDUSTRY, INC. 2,836,941
SIERVOGEL, JOHN 2,793,590
SIGMA-ALDRICH CO. LLC 2,702,120
SILAS, GREGORY R. 2,835,006
SILAS, GREGORY ROBERT 2,835,006
SILAS, MICHAEL 2,835,006
SILAS, ROBERT J. 2,835,006
SILAS, ROBERT JEFFREY 2,835,006
SILLAJEN BIOTHERAPEUTICS, INC. 2,818,693
SILZLE, ANDREAS 2,806,933
SIMMONS, SEAN BARTHOLOMEW 2,808,107
SINGH, HARMEET 2,771,845
SINGH, NOOR-E-GAGAN 2,711,463
SIRIO PANEL S.P.A. 2,659,138
SITA, LAWRENCE R. 2,705,141
SKEA, THEUNS FICHARDT 2,821,383
SKIRBLE, BARRY MARK 2,625,895
SKYPE 2,682,104
SLANIA, SARAH J. 2,594,674
SLAZAS, ROBERT R. 2,581,704
SMARTDRIVE SYSTEMS, INC. 2,632,738
SMILJANIC, OLIVIER 2,765,337
SMITH & NEPHEW ORTHOPAEDICS AG 2,698,258
SMITH INTERNATIONAL, INC. 2,619,547
SMITH INTERNATIONAL, INC. 2,648,116
SMITH, MARK 2,869,317
SMITS, JAN W. 2,519,740
SNAP-ON INCORPORATED 2,727,819
SNECMA 2,730,966
SNIDER, GEOFFREY U. 2,815,408
SNIDER, GEOFFREY U. 2,815,421
SNOW LUTIONS INC. 2,757,089
SNOW, CHRISTOPHER HARRIS 2,808,107
SOBOTA, ELIZABETH 2,676,519
SOETEMANN, JOERG 2,792,424
SOGARO, ALBERTO C. 2,742,738
SOLE, DAVID 2,646,114
SOLMER, ROBERT 2,829,569
SOLVAY SOLEXIS S.P.A. 2,535,906
SONG, DONG-IL 2,679,572
SONG, OSOK 2,758,098
SONG, OSOK 2,794,301
SONGKAKUL, PORNSAK 2,836,941
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3M INNOVATIVE PROPERTIES COMPANY 2,928,102
3M INNOVATIVE PROPERTIES COMPANY 2,928,111
3M INNOVATIVE PROPERTIES COMPANY 2,928,698
3M INNOVATIVE PROPERTIES COMPANY 2,928,810
6732667 MANITOBA INC. 2,928,491
8D TECHNOLOGIES INC. 2,928,498
AASMUL, SOREN 2,928,082
ABATTIS BIOCEUTICALS CORP 2,928,777
ABBATE, ALAIN D. 2,927,926
ABBOUD, ISSA 2,928,735
ABDUEVA, DIANA 2,928,185
ABE, YUKI 2,928,794
ABOCA S.P.A. SOCIETA' AGRICOLA 2,928,551
ABOUZIED, AHMED 2,928,252
ABRAHAM, MICHAL 2,928,315
ABRAHAM, SANTOSH PAUL 2,928,210
ABU-OMAR, MAHDI 2,928,831
ACCELERON PHARMA, INC. 2,928,708
ACETO, NICOLA 2,928,779
ACOUSIA THERAPEUTICS GMBH 2,928,793
ADACHI, KAZUYOSHI 2,928,247
ADAMS, LOREN 2,927,928
ADVANCED SOLUTIONS LIFE SCIENCES, LLC 2,927,027
AGAPIOU, KYRIACOS 2,928,206
AGAPIOU, KYRIACOS 2,928,213
AGAPIOU, KYRIS 2,928,334
AGARD, RYAN M. 2,928,804
AGEEV, NIKITA PETROVICH 2,928,816
AGEEV, PETR GEORGIYEVICH 2,928,816
AGRAWAL, RAKESH 2,928,831
AGRIS, PAUL F. 2,928,359
AHLQVIST JEANNERET, HELENA 2,928,128
AHRENS, HARTMUT 2,928,243
AIRBUS DEFENCE AND SPACE GMBH 2,928,592
AIRBUS DEFENCE AND SPACE SAS 2,928,590
AIRBUS OPERATIONS GMBH 2,928,592
AJINOMOTO CO., INC. 2,928,619
AKZO NOBEL CHEMICALS INTERNATIONAL B.V. 2,928,332
ALBANEZE-WALKER, JENNIFER 2,928,254
ALBAYRAK, CELAL 2,928,772
ALBÆK, NANNA 2,928,349
ALLEN, MATTHEW RICHARD 2,928,439
ALLEN, TIM 2,928,083
ALLMANG, WERNER 2,928,633
ALRISE BIOSYSTEMS GMBH 2,928,772
ALSTOM TECHNOLOGY LTD 2,928,323
AMERICAN GREASE STICK COMPANY 2,928,742
AMOEBA 2,928,127
AMVAC C.V. 2,928,080
ANATIS BIOPROTECTION INC. 2,928,226
ANCUTA, CARMEN 2,928,696
ANDERS, DOMINIK 2,928,090
ANDERS, DOMINIK 2,928,677
ANDERSEN, JAN TERJE 2,928,700
ANDERSON, DANIEL 2,928,078
ANDERSON, DEBORAH S. 2,928,810
ANDERSON, IAN 2,928,775
ANDREASSEN, KIM VIETZ 2,928,654
ANGEL, JOHNNY DALE 2,928,570
ANTECIP BIOVENTURES II LLC 2,928,350
APOLLO ENERGY SERVICES CORP. 2,928,251
APPLIED MEDICAL TECHNOLOGY, INC. 2,928,740
ARBEITHUBER, JOSEF 2,928,120
ARCTIC CAT INC. 2,928,750
ARGENT LINE, LLC 2,928,394
ARISAKA, HARUMI 2,928,619
ARKEMA FRANCE 2,928,105
ARKEMA FRANCE 2,928,811
ARKIS BIOSCIENCES 2,928,531
ARMO BIOSCIENCES, INC. 2,928,710
ARNOTT, JAMES CHRISTOPHER 2,928,531
ARTAUD, BENOIT 2,928,132
ASEKO, INC. 2,928,737
ASHIDA, SHINJI 2,928,794
ASHLEY, GARY 2,928,407
ASKEW, MARK 2,928,147
ASKEW, MARK 2,928,154
ASKEW, MARK 2,928,196
ASPEN AEROGELS, INC. 2,928,347
ASSENAT, RAPHAEL 2,928,498
ASTER, RICHARD H. 2,928,822
AT&T INTELLECTUAL PROPERTY I, LP 2,928,355
ATHERFOLD, PAUL ALAN 2,928,341
ATKINS, ANNETTE 2,928,135
ATLAS COPCO ROCK DRILLS AB 2,926,972
ATOMES FD INC. 2,928,497
AUERBACH, DITZA 2,928,312
AUJAY, MONETTE 2,928,671
AUMONT, FRANCK 2,928,152
AUNE, THOMAS MARTIN 2,928,705
AUXITROL S.A. 2,928,563
AVERSA, VINCENZO 2,928,338
AWAD, TROY 2,928,769
AXELSSON, JONAS 2,928,607
AYIK, HATICE MUJDE 2,928,302
AZIM, SHAHID 2,928,197
BAE SYSTEMS PLC 2,928,316
BAI, YU 2,927,319
BAILEY, KEVIN 2,928,589
BAJAJ, VIKRAM SINGH 2,928,147
BAJAJ, VIKRAM SINGH 2,928,154
BAJAJ, VIKRAM SINGH 2,928,196
BAK-BOYCHUK, GREGORY 2,928,203
BAKER HUGHES INCORPORATED 2,928,075
BAKER HUGHES INCORPORATED 2,928,156
BAKER HUGHES INCORPORATED 2,928,159
BAKER HUGHES INCORPORATED 2,928,397
BAKER HUGHES INCORPORATED 2,928,400
BAKER HUGHES INCORPORATED 2,928,412
BAKER HUGHES INCORPORATED 2,928,444
BALLEW, HORTON COLBY 2,928,206
BAMYAN TECHNOLOGIES LLC 2,928,751
BANDYOPADHYAY, SANJAY 2,928,311
BAO, CHENGFAN 2,928,792
BAPPERT, ERHARD 2,928,242
BARGER, MARK A. 2,928,728
BARKER, IAN JAMES 2,925,349
BARLOW, DAVID GEORGE 2,926,670
BARNARD, STEVEN M. 2,928,598
BARNEA, EYTAN R. 2,928,411
BARNICKEL, DONALD J. 2,928,355
BARR, AARON 2,928,699
BARROW, DACOSTA E. 2,928,810
BARTLETT, JOSHUA D. 2,927,027
BARZEGAR, FARHAD 2,928,355
BASF SE 2,928,144
BASF SE 2,928,509
BASU, SAPTASWA 2,928,669
BATES, ERIC W. 2,928,719
BATISTA, RUI NUNO 2,928,678
BAUDUIN, PIERRE 2,928,767
BAUDY, DANIEL 2,928,620
BAVARIAN NORDIC A/S 2,928,199
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,928,243

BEALL, CLIFFORD H. 2,928,444
BEAM, KEVIN 2,928,238
BEARINGER, JANE P. 2,928,406
BEATY, PATRICK SHAWN 2,928,589
BEAVIS, ANDREW 2,928,750
BECKER, NIELS 2,928,632
BECTON, DICKINSON AND COMPANY 2,928,589
BECTON, DICKINSON AND COMPANY 2,928,661
BEEK, WALDO JOSEPH ELISABETH 2,928,332
BEEKER, WILLEM PAUL 2,928,508
BEIER, MICHAEL B. 2,928,722
BELDEN INC. 2,928,372
BELEMA, MAKONEN 2,928,541
BELITZ, PAUL 2,928,209
BELLOWS, DAVID E. 2,928,403
BENAVIDES PEREZ, RICARDO 2,926,945
BENDER, JOHN A. 2,928,541
BENEDUSI, ANNA 2,928,443
BENESOL, INC. 2,928,723
BENICHOU, NETANEL 2,928,203
BENNETT, JEAN 2,928,617
BENNETT, ROBERT 2,928,355
BENO, BRETT R. 2,928,541
BENTE, PAUL F., IV 2,928,804
BENTSUR, RON 2,928,200
BERCHTOLD, HARALD 2,928,320
BERGMAN, AXEL 2,928,124
BERLICH, ROBERT 2,928,765
BERN, MALIN 2,928,700
BERNARD, MICHAEL Y. 2,928,105
BERNOCCHI, ANDREA 2,928,318
BERNOULLI, JENNI 2,928,109
BERRETT, DOUGLAS D. 2,928,601
BERTANI, GIULIO 2,928,344
BERTINO, ENRICO 2,927,090
BESEN, RICHARD 2,928,774
BETTEZ, JEAN-SEBASTIEN 2,928,498
BEUHLER, ALLYSON 2,928,181
BEVIS, REXFORD MARTIN 2,928,440
BEWLEY, ERIC L. 2,928,485
BGP INC., CHINA NATIONAL PETROLEUM CORPORATION 2,912,626
BHAGWAT, SACHIN 2,928,358
BHAGWAT, SACHIN 2,928,364
BHAGWAT, SACHIN 2,928,368
BHARDWAJ, SANJAY B. 2,928,736
BHATIA, SACHIN 2,928,788
BHP CHILE INC. 2,928,524
BHUSHAN, NAGA 2,928,088
BIAN, SHICHUN 2,928,792
BIEBER, YANN 2,928,506
BIJJANI, RICHARD ROBEHR 2,928,197
BIOCARTIS NV 2,928,530
BIOINCEPT, LLC 2,928,411
BIOKINE THERAPEUTICS LTD. 2,928,315
BIOLINERX LTD. 2,928,315
BIOMADISON, INC. 2,928,609
BIRGERUD, BO 2,928,824
BIT-BABIK, GIORGI, 2,928,416
BJORN, ANDERS 2,928,566
BK GIULINI GMBH 2,928,329
BLACKMOORE, MARCIA 2,928,639
BLACKMOORE, MARCIA 2,928,741
BLADEN, ROY VICTOR 2,928,780
BLADEN, ROY VICTOR 2,928,781
BLADEN, ROY VICTOR 2,928,782
BLADEN, ROY VICTOR 2,928,815
BLANCO, ALEJANDRO G. 2,927,926
BLANK, GREGOR 2,928,756
BLANQUE, ROLAND 2,928,235
BLETTNER, BRADLEY TRENT 2,928,440
BLOIS, HELENE 2,928,540
BLOMBERG, JOSEPH E. 2,928,485
BLOODCENTER RESEARCH FOUNDATION 2,928,822
BLUE SOLUTIONS 2,928,668
BLUM, WILLIAM G. 2,928,383
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,928,669
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,928,759
BOBO, DAVID 2,928,743
BOCANEGRA ROJAS, JOSE GERTRUDIS 2,926,945
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,927,458
BOKELMAN, KEVIN 2,928,804
BOLYARD, EDWARD WAYNE JR. 2,928,604
BOMBARDIER PRIMOVE GMBH 2,928,090
BOMBARDIER PRIMOVE GMBH 2,928,677
BONGIOVI ACOUSTICS LLC 2,928,489
BONGIOVI, ANTHONY 2,928,489
BOOTH, ROBERT C. 2,928,737
BOS, ALOUISIUS NICOLAAS RENEE 2,928,795
BOS, MICHAEL 2,928,793
BOSSER ARTAL, RAMON 2,928,526
BOUGIE, DANIEL W. 2,928,822
BOUL, PETER JAMES 2,928,206
BOUL, PETER JAMES 2,928,213
BOURASSA, GUY 2,928,224
BOURASSA, GUY 2,928,227
BOUZID, AHMED TEWFIK 2,928,357
BOWEN, M. SHANE 2,928,598
BOWMAN, LYLE 2,928,606
BOYD, R. PLATT, IV 2,928,832
BRADLEY, WILLIAM JAMES 2,928,508
BRANDT, JOHN 2,928,205
BRASCH, MICHAEL A. 2,928,589
BRAUN, RALF 2,928,243
BRAY, DOROTHY HELEN 2,928,834
BREATHEVISION LTD. 2,928,312
BREIDENTHAL, ROBERT E. 2,928,451
BRENNEKE, DOUGLAS DAVID 2,928,372
BRIDA, SEBASTIANO 2,928,563
BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC 2,928,342
BRIFFAUD, THIERRY 2,928,811
BRISTOL-MYERS SQUIBB COMPANY 2,928,541
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,928,155
BRITTON, DAVID JAMES 2,928,510
BROECKX, SARAH YOLANDE KRISTEL 2,928,122
BROMLEY, DES 2,922,043
BROOKS, ANDREW G. 2,928,549
BROTHERS, LANCE EVERETT 2,928,206
BROTHERS, LANCE EVERETT 2,928,213
BROWD, SAMUEL R. 2,928,241
BROWN, ALEX 2,928,470
BROWN, CAL R. 2,928,522
BROWN, LARRY RICHARD 2,928,581
BROWN, MARK 2,928,584
BROWN, MARK 2,928,690
BROWN, MARK 2,928,692
BROWN, MARK, II 2,928,691
BROWN, MONTE 2,928,758
BROWN, RENUKA BABU 2,928,644
BROWN, SCOTT M. 2,928,719
BRUNNETT, WILLIAM C. 2,928,203
BRUNNMEIER, WALDEMAR 2,928,582
BRUSH, ALICE JANE 2,928,714
BUCKS, BRENT 2,928,676
BURGER, GUNTER 2,928,335
BURKE, MICHAEL J. 2,928,716
BUSCH-SORENSEN, THOMAS 2,928,379
BUSH, ERNEST D. 2,928,235
BUSH, ERNEST, D. 2,928,235
BUSSOLATI, ROCCO 2,928,242
BUTTERLEY, PAUL 2,928,307
BUTTERS, BRIAN E. 2,928,533
BYRD, JOHN C. 2,928,721
CABRI, WALTER 2,928,304
CABRI, WALTER 2,928,305
CADELL, SETH 2,926,637
CADILA HEALTHCARE LIMITED 2,928,097
CADILA HEALTHCARE LIMITED 2,928,311
CAI, ZHIFENG 2,928,210
CAISSON INTERVENTIONAL, LLC 2,928,527
CALCOEN, JOHAN 2,928,340
CALHOUN, JASON 2,928,365
CALHOUN, MATTHEW 2,928,740
CALLAN, ROBERT EDWARD 2,928,306
CALLAN, ROBERT EDWARD 2,928,307
CALLEGARI, SHAWN 2,928,714
CALUBAYAN, AMOR A. 2,928,111
CAMIRE, RODNEY M. 2,928,762
CAMP, NICHOLAS PAUL 2,928,468
CAMPBELL, RONALD P. 2,928,522
CAMPER, DEBRA L. 2,928,666
CANDELA, ROBERTO 2,928,525
CANNABIS SCIENCE INTERNATIONAL HOLDING B.V. 2,928,834

CANTEX PHARMACEUTICALS, INC. 2,928,585
CAO, GUOQING 2,928,754
CAO, ZEHUI 2,928,666
CAPBRAN HOLDINGS, LLC 2,928,421
CARCOUET, SEBASTIEN 2,928,348
CARIS LIFE SCIENCES SWITZERLAND HOLDINGS, S.A.R.L. 2,928,520
CARPENTER, CHRISTOPHER M. 2,928,485
CARPENTER, RYAN J. 2,928,485
CARTER, CALVIN KENT 2,928,706
CASALE SA 2,928,802
CASTANON, SCOTT 2,928,406
CASTONGUAY, ROSELYNE 2,928,708
CAVALLARIN, LAURA 2,927,090
CEH, LEON 2,928,549
CESKA, THOMAS ALLEN 2,928,341
CGG SERVICES SA 2,928,321
CHALBI, AGNES 2,928,632
CHAMPEL, MARY-LUC 2,928,152
CHAN, IVAN HO 2,928,710
CHANDARIA, KAPOOR 2,928,361
CHANDRESH, BHATT 2,928,311
CHANG, XIAOFEI 2,928,589
CHASKO, STEPHEN 2,928,456
CHATROUX, DANIEL 2,928,348
CHEMGENES CORPORATION 2,928,190
CHEN, DONGLEI 2,928,562
CHEN, JEFF 2,928,156
CHEN, WANSHI 2,928,088
CHEN, WEI 2,928,115
CHEN, XIAOJI 2,928,706
CHEN, XIAOYU 2,928,209
CHEN, XU 2,928,709
CHEN, YE MON 2,928,246
CHEN, YE MON 2,928,624
CHEN, YE-MON 2,928,158
CHEPLIAKA, OLEKSII 2,928,438
CHEUNG, TAK SHUN 2,928,376
CHEWTER, LESLIE ANDREW 2,928,158
CHEWTER, LESLIE ANDREW 2,928,244
CHEWTER, LESLIE ANDREW 2,928,246
CHEWTER, LESLIE ANDREW 2,928,624
CHI, XIAOHENG 2,928,513
CHIESI FARMACEUTICI S.P.A. 2,928,242
CHILDREN'S MEDICAL CENTER CORPORATION 2,928,702
CHILDREN'S UNIVERSITY HOSPITAL TUBINGEN 2,928,756
CHINA BANKNOTE SICPA SECURITY INK CO., LTD. 2,928,108
CHINA NATIONAL PETROLEUM CORPORATION 2,912,626
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,928,118
CHINNIAH, JEYACHANDRABOSE 2,928,432
CHODICK, GABRIEL 2,928,271
CHOK, CHEE M. 2,928,156
CHOLHAN, HILARY J. 2,928,828
CHOLHAN, REMY 2,928,828
CHOPRIX LLC 2,928,828
CHOU, HUNG LIANG 2,928,466
CHOW, STANLEY 2,928,484
CHOWDHURY, MURTAZA 2,928,458
CHROMADEX INC. 2,928,656
CHUDOVA, DARYA I. 2,928,185
CHUDZIK, TERRI L. 2,928,714
CHUNG, DANIEL 2,928,617
CICCARELLI, NICHOLAS J. 2,928,804
CICERI, DANIELE 2,928,304
CICERI, DANIELE 2,928,305
CICHOCKI, JOSEPH 2,928,812
CIMAREX ENERGY CO. 2,928,641
CIORIA, FABIO 2,928,528
CISA S.P.A. 2,928,545
CLARIS, CHRISTOPHE 2,928,132
CLARK, WILLIAM THOMAS 2,928,372
CLARKE, JOHN T. 2,928,646
CLARKE, MICHAEL O'NEIL HANRAHAN 2,928,674
CLARKE, ROD 2,928,485
CLASON, MARK R. 2,928,522
CLAUSSEN, NATHANIEL R. 2,928,080
CLAYTON, GENEVIEVE 2,928,224
CLAYTON, GENEVIEVE 2,928,227
CLEARSIGN COMBUSTION CORPORATION 2,928,451
CLINO LTD. 2,928,313
CLOUTIER, VERONIQUE 2,928,499
CLYNNE, THOMAS 2,928,432
CODD, ALEXANDER PAUL 2,928,508
COLANNINO, JOSEPH 2,928,451
COLEMAN, JAMES E. 2,928,094
COLEMAN, JAMES E. 2,928,096
COLEMAN, JAMES E. 2,928,098
COLGATE-PALMOLIVE COMPANY 2,928,095
COLLINS, ELLSWORTH H. 2,927,027
COLLPLANT LTD. 2,928,727
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,928,348
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,928,767
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,928,784
COMMUNICATION COMPONENTS ANTENNA INC. 2,922,043
CONRAD, ANDREW JASON 2,928,147
CONRAD, ANDREW JASON 2,928,154
CONRAD, ANDREW JASON 2,928,196
CONRAD, LARRY M. 2,928,080
CONROY, DAVID 2,928,796
CONSIGLIO NAZIONALE DELLE RICERCHE 2,927,090
CONSORT MEDICAL PLC 2,928,775
CONSTRUCTION TOOLS PC AB 2,928,578
CONTI, AMEDEO 2,927,090
CONWAY, ANDREW BRYCE 2,928,641
COOK, JOSEPH R. 2,927,929
COOK, TIMOTHY WADE 2,926,823
COOKE, LAURENCE 2,928,487
CORMAN, GREGORY SCOT 2,928,362
CORPOROS INC. 2,928,406
CORQUEST MEDICAL, INC. 2,928,434
COSTELLO, DAVID M. 2,928,373
COSTELLO, DAVID M. 2,928,390
COSTEUX, STEPHANE 2,928,728
COULTER, IVAN 2,928,338
COUPE, DOMINIQUE 2,928,354
COVESTRO DEUTSCHLAND AG 2,928,632
COVIDIEN LP 2,928,373
COVIDIEN LP 2,928,390
COWGILL, NOAH 2,928,485
COX, IAN 2,928,766
CPI CARD GROUP-COLORADO, INC. 2,928,554
CRAIG, DAVID O. 2,928,400
CRAMP, STEVEN JOHN 2,928,634
CRANDALL, MICHAEL D. 2,928,111
CRAWFORD, ROBERT 2,928,712
CRENSHAW, HUGH CHARLES 2,928,627
CRNKOVICH, MARTIN 2,928,470
CROCKETT, JEFF 2,928,460
CROWLEY, THOMAS P. 2,928,373
CROWLEY, THOMAS P. 2,928,390
CUBIC CORPORATION 2,928,379
CULLIGAN, SEAN W. 2,928,719
CUMMINS, CHRISTY 2,928,094
CUMMINS, CHRISTY 2,928,096
CUMMINS, CHRISTY 2,928,098
CUPID PEPTIDE COMPANY LIMITED 2,928,773
CUPITT, MAURICE BRYANT 2,928,492
CZAINSKI, ROBERT 2,928,090
CZAINSKI, ROBERT 2,928,677
DAGHER, FADI 2,928,497
DAI, SHENGYANG 2,928,086
DAIICHI SANKYO COMPANY, LIMITED 2,928,794
DALY, JOHN JOSEPH 2,928,440
DAMBRINE, BRUNO 2,928,354
DAMIANO, EDWARD R. 2,928,557
DAMNJANOVIC, ALEKSANDAR 2,928,088
DANA CANADA CORPORATION 2,928,788
DANA-FARBER CANCER INSTITUTE, INC. 2,928,464
DANFORTH, PETER ELLIOT 2,928,747
DANZER, HANS-JOACHIM 2,928,240
DARDIS, JOHN T., II 2,928,241
DARSHAN, YEHUDA 2,928,270
DAVENPORT, BENJAMIN PETER 2,928,472
DAVIS, BARRIE 2,928,625
DAVIS, BENJAMIN 2,928,625
DAVIS, MARK RODNEY 2,927,367

DAVIS, PAUL 2,928,308
DB NETWORKS, INC. 2,928,595
DBV TECHNOLOGIES 2,928,314
DCNS 2,928,348
DE CANNIERE, DIDIER 2,928,434
DE GUISE, JACQUES 2,927,955
DE LUCA OVEN TECHNOLOGIES, LLC 2,928,745
DE LUCA, NICHOLAS P. 2,928,745
DE MIN, CRISTINA 2,928,317
DE NORA PERMELEC LTD 2,928,790
DE RUIJTER, MICHEL J. 2,928,572
DE SMEDT, GERT 2,928,662
DECKE, ROBERT 2,928,161
DEFOORT, BRIGITTE 2,928,590
DEGOTT, PIERRE 2,928,108
DELAY, CHRISTINA 2,927,396
DELCAYRE, ALAIN 2,928,199
DELGASS, NICHOLAS WILLIAM 2,928,831
DELTA AIR LINES, INC. 2,928,440
DELUKE, LEVI 2,928,713
DEMATTIA, ELYNN 2,928,421
DEMETER, MICHAEL 2,928,456
DEMISSY, DANIEL 2,928,323
DEOLALIKAR, NEELESH V. 2,928,467
DEPREZ, PIERRE 2,928,235
DEREN-LEWIS, ANN 2,928,656
DEROSA, FRANK 2,928,078
DEROSA, FRANK 2,928,186
DEROSA, FRANK 2,928,188
DESAI, RANJIT C. 2,928,097
DESPA, MIRCEA STEFAN 2,928,661
DI CESARE, ENRICO 2,928,766
DI IORIO, STEPHANE 2,928,784
DI STEFANO, ANTONIO 2,928,525
DIAS, ANUSHA 2,928,186
DIAT, OLIVIER 2,928,767
DICKERSON, CINDY TAKEUCHI 2,928,622
DIETRICH, PAUL JAMES 2,928,831
DIMAIUTA, NICOLA 2,928,659
DIOSZEGHY, VINCENT 2,928,314
DJORDJEVIC, MICHAEL 2,927,396
DKT VERWALTUNGS-GMBH 2,928,119
DOBBE, JOHN EDWARD 2,928,778
DOERFFLER, EDWARD 2,928,674
DOMENIGHINI, LUCA 2,928,304
DOMENIGHINI, LUCA 2,928,305
DOMENYUK, VALERIY 2,928,520
DONG, YIZHOU 2,928,078
DORNER-RIEPING, SIMON 2,928,243
DOTS DEVICES, INC. 2,928,644
DOW AGROSCIENCES LLC 2,928,666
DOW GLOBAL TECHNOLOGIES LLC 2,928,584
DOW GLOBAL TECHNOLOGIES LLC 2,928,690
DOW GLOBAL TECHNOLOGIES LLC 2,928,691
DOW GLOBAL TECHNOLOGIES LLC 2,928,692
DOW GLOBAL TECHNOLOGIES LLC 2,928,728
DOWNES, MICHAEL 2,928,135
DR. JOHN'S LABS LLC 2,926,670
DRAGNE, LUCIAN 2,928,601
DREXEL UNIVERSITY 2,928,429
DRIFTER MARINE, INC. 2,928,703
DS SMITH PACKAGING DEUTSCHLAND STIFTUNG & CO. KG 2,928,633
DS SMITH PACKAGING DEUTSCHLAND STIFTUNG & CO. KG 2,928,662
DUBOVSKY, JASON A. 2,928,721
DUCHET-RUMEAU, JANNICK 2,928,590
DUCROCQ, M. LAUDINE 2,928,529
DUEZ, STEPHANIE 2,928,638
DUNHAM, DEAN 2,928,427
DUNTON, JOHN 2,928,813
DUPETIT, ALFREDO CARLOS 2,928,834
DUPUIS, DARCY K. 2,928,251
DURAND, ETIENNE 2,928,348
DUY, KHANH TRAN 2,928,434
EARL, NICHOLAS 2,928,813
EARTH RE PURE INC. 2,928,247
EASTERLY, ROBERT 2,928,641
ECKSTEIN, THOMAS 2,928,240
ECO GUTTER IP HOLDINGS PTY LTD 2,928,778
ECOLAB INC. 2,928,577
ECOLAB USA INC. 2,928,114
ECOLAB USA INC. 2,928,160
ECOLE DE TECHNOLOGIE SUPERIEURE 2,927,955
ECP ENTWICKLUNGSGESELLSCHAFT MBH 2,928,161
ECP ENTWICKLUNGSGESELLSCHAFT MBH 2,928,628
ECRABEY, JACQUES 2,928,348
EDWARDS LIFESCIENCES CORPORATION 2,928,203
EFC SYSTEMS, INC. 2,928,812
EGELAND, EIRIK BENTZEN 2,928,610
EGLI, KONRAD 2,928,659
EL-ANSARY, SAMEH 2,928,587
EL-KHATIB, FIRAS H. 2,928,557
ELANGO, NAVIN 2,928,666
ELECTROPHORETICS LIMITED 2,928,510
ELEKTOROWICZ, MARIA 2,928,497
ELEVANCE RENEWABLE SCIENCES, INC. 2,928,181
ELI LILLY AND COMPANY 2,928,468
ELI LILLY AND COMPANY 2,928,593
ELI, JEFFREY KYLE 2,927,027
ELSON, GREG 2,928,317
ENACHE, DRAGOS 2,928,136
ENDOU, YUUKI 2,928,791
ENDRES, GREGOR CHRISTIAN 2,928,592
ENGELEN, DIANA 2,928,632
ENGLERT, CHRISTOPH 2,926,154
ENLOW, ELIZABETH M. 2,928,658
ENLOW, ELIZABETH M. 2,928,665
EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H. 2,928,120
ERIKSSON, BENGT-ARNE 2,928,124
ERIKSSON, FREDRIK 2,928,124
ERIKSSON, FREDRIK 2,928,327
ERNFJALL, JOHNNY 2,928,621
ESCARPE, PAUL ANTHONY 2,928,671
ESCO CORPORATION 2,928,485
ESPENHAHN, ERIC TORR 2,928,627
ESPERA-WERKE GMBH 2,928,694
EVANS, RONALD M. 2,928,135
EVIDENT.IO, INC. 2,928,729
F. HOFFMANN-LA ROCHE AG 2,928,101
FACEBOOK, INC. 2,928,472
FACEBOOK, INC. 2,928,651
FAIRWOOD INNOVATION A/S 2,928,301
FALCHI, ALESSANDRO 2,928,242
FAM 2,928,676
FAN, XIAOLIN 2,928,466
FARAONE, ANTONIO, 2,928,416
FARES, FUAD 2,928,269
FAUQUET, GERMAIN 2,928,105
FAYBISHENKO, BORIS 2,928,798
FAYBISHENKO, YAROSLAV 2,928,798
FEALEY, TERENCE 2,928,777
FEENEY, ROBERT DAVID 2,928,581
FEICHTINGER, KLAUS 2,928,120
FENG, LIPING 2,928,589
FERRARI, EMANUELE 2,928,242
FERRIS, FRANK 2,928,383
FERT, JEREMY EDMOND 2,928,696
FIBERHOME TELECOMMUNICATION TECHNOLOGIES CO., LTD 2,928,115
FILIPPOV, ANDREY 2,928,548
FIMA, UDI EYAL 2,928,269
FINLEY, TAYLOR M. 2,928,485
FINNEY, HELENE MARGARET 2,928,341
FISCELLI, GIUSEPPE 2,928,525
FISHER, MATTHEW JOSEPH 2,928,593
FITZWATER, KELLY R. 2,928,099
FLETCHER, DOUGLAS D. 2,928,698
FLEX-CHEM HOLDING COMPANY, LLC 2,928,641
FLUIDFILE LTD. 2,928,270
FMC CORPORATION 2,928,653
FOGMAKER INTERNATIONAL AB 2,928,621
FOORD, ORIT 2,928,671
FOSER, THOMAS 2,928,620
FOSTER, CLARK B. 2,928,460
FOSTER, TOBIAS NEIL 2,928,577
FOY, SUSAN 2,928,199
FRANKLIN, AMIE 2,928,568
FRECH, HANS-ULRICH 2,928,222
FRESCHAUF, LAUREN R. 2,928,203
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,928,765
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,928,470
FREW, JARED J. 2,928,714
FRIDELL, ROBERT A. 2,928,541

FRIEDERICHS, WOLFGANG 2,928,632
FRIEDRICH-SCHILLER-UNIVERSITAT JENA 2,926,154
FRIGGERI, ADRIEN THOMAS 2,928,472
FRITO-LAY TRADING COMPANY GMBH 2,928,136
FROMENTIN, EMILIE ANNIE CLAUDIE 2,928,631
FRYER, BENJAMIN 2,928,639
FRYER, BENJAMIN 2,928,741
FUJIFILM CORPORATION 2,928,623
FUJITA, MASAKI 2,928,629
FULLER, PHILLIP 2,928,489
FURNISH, JOHN JAMES 2,928,440
FURSTNER, ALOIS 2,928,148
FURUMOTO, SHOZO 2,928,313
FURY, WEN 2,927,319
FUSTINI, FAUSTO 2,928,545
GAAL, PETER 2,928,088
GAHLER, THOMAS 2,928,630
GAIKWAD, RAHUL RAMCHANDRA 2,928,550
GAJJI, BHARGAV 2,928,550
GALLO, MELISSA 2,928,487
GAMBINI, ANDREA 2,928,304
GAMBINI, ANDREA 2,928,305
GANGULI, MRITTIKA 2,928,801
GANZ, MATTHIAS 2,928,320
GARANS, CYRILLE 2,928,348
GARDINER, JAMES BRUCE 2,928,481
GARDNER, MICHAEL STUART 2,928,780
GARDNER, MICHAEL STUART 2,928,781
GARDNER, MICHAEL STUART 2,928,782
GARDNER, MICHAEL STUART 2,928,815
GAREIS, GALEN MARK 2,928,372
GARNER, WILLIAM J. 2,928,568
GARNETT, PAUL W. 2,928,445
GARTY, SHAI 2,928,718
GASSNER, CHRISTIAN 2,928,101
GATZWEILER, ELMAR 2,928,243
GAVRILOVIC, MINYA 2,922,043
GAWANDE, BHARAT NATHU 2,928,207
GCP APPLIED TECHNOLOGIES INC. 2,928,572
GE AVIATION SYSTEMS LIMITED 2,928,302
GE AVIATION SYSTEMS LIMITED 2,928,306
GE AVIATION SYSTEMS LIMITED 2,928,307
GE AVIATION SYSTEMS LLC 2,928,462
GE AVIATION SYSTEMS LLC 2,928,465
GE LIGHTING SOLUTIONS, LLC 2,928,253
GE LIGHTING SOLUTIONS, LLC 2,928,432
GEA FOOD SOLUTIONS GERMANY GMBH 2,928,125
GEA FOOD SOLUTIONS GERMANY GMBH 2,928,630
GEERTSHUIS, BERNARDUS MARIA 2,928,624
GEHRMANN, THOMAS 2,928,320
GELFER, MIKHAIL Y. 2,928,584
GELFER, MIKHAIL Y. 2,928,690
GELFER, MIKHAIL Y. 2,928,691
GELFER, MIKHAIL Y. 2,928,692
GELFERT, STEPHAN 2,928,157
GELITA AG 2,928,222
GENDERS, J. DAVID 2,928,224
GENDERS, J. DAVID 2,928,227
GENERAL CABLE TECHNOLOGIES CORPORATION 2,928,716
GENERAL CABLE TECHNOLOGIES CORPORATION 2,928,719
GENERAL ELECTRIC COMPANY 2,928,352
GENERAL ELECTRIC COMPANY 2,928,362
GENERAL ELECTRIC COMPANY 2,928,705
GENERAL SURGICAL COMPANY (INDIA) PVT LIMITED 2,928,274
GENG, PENG 2,928,562
GENOVESE, NICHOLAS J. 2,928,726
GENTLES, ROBERT G. 2,928,541
GENZYME CORPORATION 2,928,756
GEORGAROS, CAMILLE 2,928,730
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,928,466
GEORGOFF, MICHAEL THOMAS 2,928,002
GERARD, JEAN-FRANCOIS 2,928,590
GERASHCHENKO, IGOR 2,928,438
GERSZBERG, IRWIN 2,928,355
GESER, JOHANNES 2,928,686
GEUDENS, PASCAL A. 2,928,572
GHARESI, ABDOLREZA 2,928,634
GHOSH, SOME NATH 2,926,890
GIESE, HARALD 2,928,128
GIFFORD, AARON, J. 2,928,460
GILBOA-GEFFEN, ADI 2,928,644
GILEAD SCIENCES, INC. 2,928,674
GIULIANI S.P.A. 2,928,443
GIULIANI, ALEXANDRE 2,928,117
GIULIANI, GIAMMARIA 2,928,443
GLADKOVAS, MYKOLAS 2,928,224
GLAUBITZ, JOACHIM 2,928,659
GLOBAL STEM CELL TECHNOLOGY 2,928,122
GLYTECH, INC. 2,928,559
GODFREY, DANIEL PETERSON 2,928,813
GODFREY, LISA 2,928,697
GOLDMAN, STEVEN 2,927,062
GOLDSHTEIN, INBAL 2,928,271
GOLWAY, MICHAEL 2,927,027
GONZALEZ, JAIME A. 2,928,496
GOOGLE INC. 2,928,086
GOOGLE INC. 2,928,667
GORDON, GREGORY CHARLES 2,928,748
GOSSAGE, KIRK 2,928,693
GOTO, OSAMU 2,928,556
GOTTSCHALK, MICHAEL 2,926,154
GOUDA, DIVAKARA 2,928,734
GOUDRA, BASAVANA GOUDA BHARAMANA 2,928,734
GOWANLOCK, MATTHEW 2,928,251
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,928,099
GREENE, KATIE A. 2,928,716
GREENEDEN U.S. HOLDINGS II, LLC 2,928,357
GREINER, DAN 2,928,277
GRIGSBY, ROBERT ALLISON, JR. 2,928,536
GRIMALDI, ANGELO 2,928,318
GRINBERG, ASYA 2,928,708
GROS, EDWIGE 2,928,539
GROWTH FINANCE AG 2,928,582
GU, YOUWEI 2,928,112
GU, YOUWEI 2,928,171
GUI, KANG 2,928,518
GUPTA, ASHISH 2,928,714
GV ENGINEERING GMBH 2,928,663
HABER, DANIEL ARIE 2,928,779
HABER, RICHARD C. 2,928,410
HAESSLEIN, JEAN-LUC 2,928,638
HAGIYA, KEITA 2,928,623
HAIKARAINEN, JUSSI 2,928,695
HAIN, STEPHEN C. 2,928,535
HAIR, MICHAEL L. 2,928,444
HALBERT, DAVID 2,928,520
HALDER, SUBHASH CHANDRA 2,928,274
HALEY, ALAN BRYAN CREIGHTON 2,928,778
HALL, CAROL 2,928,359
HALLBERG, ANDERS 2,928,124
HALLEEN, JUSSI 2,928,109
HALLIBURTON ENERGY SERVICES, INC. 2,928,134
HALLIBURTON ENERGY SERVICES, INC. 2,928,137
HALLIBURTON ENERGY SERVICES, INC. 2,928,139
HALLIBURTON ENERGY SERVICES, INC. 2,928,146
HALLIBURTON ENERGY SERVICES, INC. 2,928,206
HALLIBURTON ENERGY SERVICES, INC. 2,928,213
HALLIBURTON ENERGY SERVICES, INC. 2,928,334
HALLIBURTON ENERGY SERVICES, INC. 2,928,467
HALLIBURTON ENERGY SERVICES, INC. 2,928,469
HALLIBURTON ENERGY SERVICES, INC. 2,928,471
HALLIBURTON ENERGY SERVICES, INC. 2,928,550

HALLIBURTON ENERGY SERVICES, INC. 2,928,634
HALLIBURTON ENERGY SERVICES, INC. 2,928,637
HAMAGUCHI, MAKI 2,928,325
HAMILTON, DAVID M. 2,928,409
HAMMOND, JEREMY 2,928,829
HAMON, YVES 2,928,529
HAMPRECHT, DIETER WOLFGANG 2,927,458
HAMPSON, IAN 2,928,166
HAMPSON, LYNNE 2,928,166
HANDGRETINGER, RUPERT 2,928,756
HANDO, RIE 2,928,623
HANGZHOU GREAT STAR INDUSTRIAL CO., LTD. 2,928,513
HANGZHOU GREAT STAR TOOLS CO., LTD. 2,928,513
HANKOOK TECHNOLOGY INC. 2,928,103
HANKOOK TECHNOLOGY INC. 2,928,249
HANSCH, MARKUS 2,928,144
HANSCH, MARKUS 2,928,509
HANSEN, HENRIK FRYDENLUND 2,928,349
HANSON, IAN B. 2,928,804
HAPPONEN, ANITA 2,928,695
HARDY, PHILIP A. 2,928,777
HARIDI, SEIF 2,928,587
HARPAZ, ROI 2,927,364
HARPER, FRANK D. 2,928,466
HARTI, SAAD 2,928,675
HARTMANN, ALBERT 2,928,125
HASEGAWA, YUICHI 2,928,248
HASELWANTER, ALEXANDER 2,928,643
HASENBERG, MARK J. 2,928,742
HASLEBACHER, WILLIAM J. 2,928,383
HASSAN, AMER A. 2,928,445
HATCH, CHRISTOPHER EDWARD 2,928,804
HATTERER, ERIC 2,928,317
HAUGHT, JOHN CHRISTIAN 2,928,204
HAUSMANNS, STEPHAN 2,928,222
HAYAKAWA, ICHIRO 2,928,794
HAYDEN, THOMAS 2,928,144
HAYDEN, THOMAS 2,928,509
HAYES, BRADLEY 2,928,238
HAYES, GREGORY B. 2,928,214
HAYNES, KRISTA 2,928,421
HAYRABEDYAN, SOREN BOHOS 2,928,411
HAYWARD INDUSTRIES, INC. 2,928,647
HE, DAVID DA 2,928,197
HEARN, BRIAN 2,928,407
HEARTLEIN, MICHAEL 2,928,078
HEARTLEIN, MICHAEL 2,928,186
HEARTLEIN, MICHAEL 2,928,188
HEATON, NIGEL DAVID 2,928,510
HEBBLEWHITE, HARRY 2,928,737
HEINEMANN, INES 2,928,243
HEINZ, PAUL 2,928,632
HELEN OF TROY LIMITED 2,928,774
HEMBERG, ERIC O. 2,928,698
HEMBERG, OSCAR M. 2,928,698
HENRIKSEN, KIM 2,928,654
HENRIQUES, JOSE MATIAS 2,928,136
HENRY, PAUL SHALA 2,928,355
HERBERTSON, JOSEPH GEORGE 2,928,219
HERNANDEZ, CRISTOBAL R. 2,928,203
HERRMANN, SCOTT 2,928,440
HERSHNER, GARY F. 2,928,589
HEYMANS, JOACHIM 2,928,649
HIGH, KATHERINE A 2,928,617
HILL, DAVID 2,928,309
HILL, NATHANEAL 2,927,928
HILLIARD, GREG 2,928,136
HILTI AKTIENGESELLSCHAFT 2,928,620
HIRAMATSU, TAKAHIRO 2,928,322
HIRATA, TAKUYA 2,928,613
HIVE STREAMING AB 2,928,587
HOBLIT, T. DOUGLAS 2,928,410
HOCKADAY, CHRISTOPHER JAMES 2,925,349
HOFFMANN, KIM D. 2,928,182
HOGG, WILLIAM 2,928,735
HOJJAT, NASRIN 2,922,043
HOLAPPA, SUSANNA 2,928,805
HOLLISTER INCORPORATED 2,928,646
HOLMBOM, BJARNE 2,928,109
HOLMES, KEVIN C. 2,928,397
HOLOMBERG, ANNE 2,928,124
HOLOMBERG, ANNE 2,928,327
HOLZ, KEVIN 2,928,082
HOMUTOV, VICTOR PAVLOVICH 2,928,449
HONEYWELL INTERNATIONAL INC. 2,928,425
HONG, SUNGRYONG 2,920,226
HOOD, LAWRENCE S. 2,928,728
HOOWORTH, ALLAN JAMES 2,928,217
HORNUNG, TASSILO 2,928,520
HOSSEINI, KAMRAN 2,928,606
HOUGH, ROSS 2,928,484
HOWARD, JOHN HAL 2,928,458
HOWARTH, BRAD 2,928,775
HOY, STACY W. 2,928,807
HU, FUMING 2,928,115
HU, JIANHONG 2,928,789
HU, QI-YING 2,928,087
HUANG, CHEN 2,928,562
HUANG, HAO 2,928,462
HUANG, HAO 2,928,465
HUANG, XIAO YI 2,928,095
HUANG, XIAOQIAN 2,928,739
HUDSON, EDMUND C. 2,928,205
HUDSON, MARK 2,928,813
HULSEWE, EWOUD J. 2,928,075
HUMPHREY, RYAN THOMAS 2,928,634
HUNTER, ANDREW DAVID 2,928,130
HUNTSMAN INTERNATIONAL LLC 2,928,771
HUNTSMAN PETROCHEMICAL LLC 2,928,536
IANNITELLI, ANTONIO 2,928,697
ICEE HOLDINGS PTY. LTD. 2,928,433
ICHIKAWA, HIROKI 2,928,790
IDELL, STEVEN 2,928,759
IDEXX LABORATORIES, INC. 2,928,829
IKEDA, ETSUYA 2,928,319
ILLINOIS TOOL WORKS INC. 2,928,570
ILLINOIS TOOL WORKS INC. 2,928,576
ILLINOIS TOOL WORKS INC. 2,928,604
ILLUMINA, INC. 2,928,209
ILLUMINA, INC. 2,928,598
IMASE, HIDETOMO 2,928,087
IMIN, NIJAT 2,927,396
IMT PARTNERSHIP 2,928,504
INDENA S.P.A. 2,928,304
INDENA S.P.A. 2,928,305
INFERNOSHIELD PTY LTD 2,928,130
INFESTATION TRACKING SYSTEMS PTY. LTD. 2,928,769
INNOPHOS, INC. 2,928,814
INNOVATED TRANSPORT SYSTEMS UG (HAFTUNGSBESCHRANKT) 2,928,797
INSAVALOR 2,928,590
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,928,314
INSITE VISION INCORPORATED 2,928,606
INSONO S.R.L. 2,928,528
INSPIRX LLC 2,928,736
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE -INRA 2,928,117
INSTITUT NATIONAL DES SCIENCES APPLIQUEES 2,928,590
INSULAN, STIG 2,928,607
INTEL CORPORATION 2,928,801
INTELLIGENT FINGERPRINTING LIMITED 2,928,813
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,928,277
INVENRES GMBH 2,928,438
IRIS DYNAMICS LTD. 2,928,785
ISHIKAWA, KEIICHI 2,928,791
ISIS INNOVATION LTD. 2,928,712
IVERSON, BEN 2,928,334
IWAKI, YOSHIHIDE 2,928,623
IWAMOTO, TATSUYA 2,928,405
JAASKELAINEN, MIKKO 2,928,146
JACKSON, ALAN TANCEL 2,928,634
JACOB, CHERIAN 2,928,432
JACOBI, CHRISTIAN 2,928,277
JACOBSSON, FREDRIK 2,928,662
JAG MAYER PTY LTD 2,928,217
JAGERSCHMIDT, CATHERINE 2,928,235
JAHANGIR, REZA 2,928,751
JAMISON, DALE E. 2,928,471
JANJIC, NEBOJSA 2,928,207
JANSSEN BIOTECH, INC. 2,928,639
JANSSEN BIOTECH, INC. 2,928,741

JANSSEN SCIENCES IRELAND UC 2,928,254
JARVI, ESA T. 2,928,205
JELLISON, MICHAEL JOSEPH 2,928,535
JENSEN, TYLER N. 2,928,714
JI, TINGFANG 2,928,088
JIA, XIAOCHUAN 2,928,462
JIA, XIAOCHUAN 2,928,465
JIANG, XUWEI 2,928,011
JIANG, YAYONG 2,928,118
JIANGSU HENGRUI MEDICINE CO., LTD. 2,928,754
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,928,112
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,928,171
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,928,297
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,928,518
JIMENEZ, ANA ISABEL 2,928,512
JIMENEZ, ANA ISABEL 2,928,515
JIMENEZ, ANA ISABEL 2,928,516
JING, BO 2,928,712
JOHANSSON, BENGT 2,928,824
JOHNSON, AMY JO 2,928,721
JOHNSON, CURTIS ALAN 2,928,352
JOHNSON, DAVID ALFRED 2,928,532
JONES, BRETT C. 2,928,444
JONES, CURTIS GERALD 2,928,822
JONES, MICHAEL R. 2,928,427
JORDAN, DOMINIC TIMOTHY 2,925,349
JORGENSEN, ANDERS DAHL 2,928,566
JORMVIK, FREDRIK 2,926,972
JUVENTIN, ANNE-CLAIRE 2,928,668
KABACLNSKI, MICHAL 2,928,564
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,928,325
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,928,393
KADAM, RATISH SUHAS 2,928,550
KADOMA, IGNATIUS A. 2,928,111
KADOWAKI, KOJI 2,928,629
KAJIHARA, YASUHIRO 2,928,559
KALA PHARMACEUTICALS, INC. 2,928,658
KALA PHARMACEUTICALS, INC. 2,928,665
KALKSTEIN, NIR 2,928,271
KAMADA, YASUNORI 2,928,248
KAMENSKI, JOSEPH 2,928,788
KAMMLER, SUSANNE 2,928,349
KANE, JAMES 2,928,425
KANKANALA, SUNDEEP 2,928,661
KANTAK, AMEYA 2,928,082
KANTER, JEFFREY ANDREW 2,928,472
KAPANIDIS, ACHILLEFS 2,928,712
KARAPETIAN, EMIL 2,928,203
KARKOW, DOUGLAS W. 2,928,451
KARSDAL, MORTEN 2,928,654
KASCAKOVA, SLAVKA 2,928,117
KASGRO RAIL CORP. 2,903,513
KASHANI-SHIRAZI, NAWID 2,928,144
KASHANI-SHIRAZI, NAWID 2,928,509
KASUYA, YUJI 2,928,794
KATO, AKIHIRO 2,928,790
KATO, SHO 2,928,611
KAUFMANN, GUNNAR F. 2,928,543
KAWAI, YOSUKE 2,928,787
KAWAMI, KAORU 2,928,552
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,928,790
KAZEMI, VAHID 2,928,086
KE, YILI 2,928,115
KEALEY, COLIN 2,928,532
KEISER, BRUCE A. 2,928,162
KEMIRA OYJ 2,928,636
KEMIRA OYJ 2,928,805
KEMPENAERS, PETER J. 2,928,572
KERUEL, BERNARD 2,928,348
KERYX BIOPHARMACEUTICALS, INC. 2,928,200
KETTENBERGER, HUBERT 2,928,101
KEVORKIAN, LARA 2,928,341
KEY TECHNOLOGY, INC. 2,928,340
KEY TECHNOLOGY, INC. 2,928,427
KEYBIOSCIENCE AG 2,928,654
KHACHATURIAN, JON 2,928,746
KHAN, M. AMIN 2,928,701
KHAPARDE, ASHISH PRAFULLA 2,928,134
KHARRAZ TAVAKOL, OLIVER D. 2,928,580
KHORIAKOV, VITALY 2,928,548
KILLEFFER, JAMES ALEXANDER 2,928,531
KIM, SUNG KON 2,928,103
KIM, SUNG KON 2,928,249
KINAR, YARON 2,928,271
KING'S COLLEGE HOSPITAL NHS FOUNDATION TRUST 2,928,510
KING, BENJAMIN 2,928,455
KINOSHITA, SHIGERU 2,928,393
KINOSHITA, SHIGERU 2,928,626
KITARU INNOVATIONS INC. 2,928,361
KLAIBER, DOUGLAS ANDREW 2,928,631
KLEIN, CHRISTIAN 2,928,706
KLEIN, HOWARD P. 2,928,536
KLEIN, IAN MICHAEL 2,928,831
KLEIN, RENE ALEXANDER 2,928,771
KLEINWAECHTER, JOERG 2,928,748
KNEFELI, HANS-CHRISTOPH 2,928,222
KNIGHT, PETER ROBIN 2,928,302
KNOW NORMAL, INC. 2,928,492
KO, WOOSUK 2,920,226
KOCHER-PLASTIK MASCHINENBAU GMBH 2,928,686
KOENTGEN, FRANK 2,928,744
KOHN, ARNIM 2,928,243
KOIZUMI, NORIKO 2,928,626
KOIZUMI, RYOSUKE 2,928,791
KOLESNIK, MAX 2,928,496
KOLLENKARK, SEAN E. 2,928,601
KONIECZNY, NILI 2,928,718
KONKOL, YVONNE 2,928,109
KOPPELMAN, RACHEL 2,928,775
KORANNE, MANOJ M. 2,928,547
KORTAGERE, SANDHYA 2,928,429
KORTEK INDUSTRIES PTY LTD 2,928,625
KOSAN CRISPLANT A/S 2,928,566
KOSKI, WILLIAM 2,926,637
KOTSOS, MICHAEL EMMANUEL 2,928,470
KOVALEV, PETR 2,928,136
KRAM, SHARI L. 2,928,728
KRAPTCHETOV, DMITRI A. 2,928,807
KRATZER, LOGAN TEANCUM 2,927,928
KRICHTAFOVITCH, IGOR A. 2,928,451
KRUSKAMP, ALEX 2,926,637
KUANG, TIEJUN 2,928,118
KUCERA, SAMUEL C. 2,928,444
KUDNER, DONALD 2,928,703
KUDO, YUKITSUKA 2,928,313
KUHL, MICHAEL E. 2,928,102
KUHNERT, STEFFEN 2,928,119
KUKLISH, STEVEN LEE 2,928,593
KULLWITZ, DIRK 2,928,577
KUMAR, PRAPHUL 2,928,357
KUMAR, RAVINDRA 2,928,708
KURIBAYASHI, MAKOTO 2,928,319
KUSCHER, ALEXANDER FRIEDRICH 2,928,667
KUSUMA, ROY 2,928,719
KWAK, MINSUNG 2,920,226
KWG RESOURCES, INC. 2,928,007
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,928,640
L'INTERMY, JULIEN 2,928,590
LAB (XIAMEN) SANITARY FITTINGS INC 2,928,755
LABELLE, HUBERT 2,927,955
LACORCIA, GINA 2,928,756
LACROIX-DESMAZES, SEBASTIEN 2,928,314
LAFORTUNE, JAMES 2,928,743
LAING O'ROURKE AUSTRALIA PTY LIMITED 2,928,481
LALATSA, KATERINA 2,928,697
LANASPEZE, SEBASTIEN 2,928,104
LANCASTER, JORDAN J. 2,927,062
LANDIS+GYR INNOVATIONS, INC. 2,928,456
LANDMARK GRAPHICS CORPORATION 2,928,548
LANDMARK GRAPHICS CORPORATION 2,928,732
LANDMARK GRAPHICS CORPORATION 2,928,739
LANDMARK GRAPHICS CORPORATION 2,928,827

LANDSCAPE STRUCTURES INC. 2,928,825
LANIAUSKAS, DAINA 2,928,639
LANIAUSKAS, DAINA 2,928,741
LANNOIJE, MARNIX 2,928,677
LAP, MARIO 2,928,834
LAPAN, KAMERON 2,928,828
LAPIDOT, SHAUL 2,928,727
LAREDO, WALTER 2,928,011
LARSEN, RYAN 2,928,573
LARSON, ERIC ALLAN 2,928,082
LARSSON, MIKAEL M. 2,928,124
LAU, CARSTEN 2,928,425
LAURIOT DIT PREVOST, ROMAIN 2,928,303
LAWIT, SHAI J. 2,928,830
LE GALL, LAURENT 2,928,668
LE HONG, SON 2,928,354
LE, GUILLAUME 2,928,811
LEBRON, VOLTAIRE ISAAC 2,928,082
LECLERC, MATHIEU 2,928,640
LEE, ALEX 2,928,774
LEE, JANGWON 2,920,226
LEE, TOM LIK-CHUNG 2,928,664
LEFRANCOIS, JEAN-MICHAEL 2,928,235
LEGACY HEALTHCARE LTD 2,928,675
LENTZ, AMMON DAVID 2,928,589
LEPINAY, LAURENT 2,928,105
LEROY, VINCENT 2,928,105
LESSLEY, MEL STEVEN 2,928,604
LEWIS, SAM 2,928,334
LG ELECTRONICS INC. 2,920,226
LHERMITTE, FREDERIC 2,928,638
LI, BIN 2,928,495
LI, GUO 2,928,541
LI, NAN 2,928,562
LI, QINGZHONG 2,912,626
LI, SHIYU 2,928,115
LI, SOL MINGSO 2,928,431
LI, WENJENG 2,928,201
LI, XIANG 2,928,108
LIANG, JIMENG 2,928,118
LIAO, SUBO 2,928,205
LICERAS, VERONICA 2,928,827
LIFSHITZ, AMNON 2,928,270
LILJA, THOMAS 2,928,578
LILOVA, KOSTADINKA 2,928,639
LILOVA, KOSTADINKA 2,928,741
LIM, MELISSA N. 2,928,714
LIMITED LIABILITY COMPANY "MEDEL" 2,928,449
LIN, YAKANG 2,928,204
LINDHOLM, MARIE 2,928,349
LINDNER, STEFAN 2,928,632
LINDT, JAKOB 2,928,633
LIPKIN, DON MARK 2,928,352
LIPSKY, PETER E. 2,928,084
LISZKAI, THOMAS 2,926,637
LIU, DAVID 2,928,671
LIU, JIAJIAN 2,928,754
LIU, JIANMIN 2,928,719
LIU, JIAWEI 2,928,675
LIU, JIE 2,928,521
LIU, SHAN 2,928,753
LIU, SHENGHUI 2,928,297
LIU, SUHUA 2,928,285
LIU, SUHUA 2,928,289
LIU, SUHUA 2,928,293
LIU, YONGMAO 2,928,755
LIVINGSTON, DWIGHT 2,928,589
LODGE, ANNE 2,928,084
LOOS, PETRA 2,928,320
LOTZ, GERARD 2,928,589
LOVE, JOHN C. 2,928,804
LPATH, INC. 2,928,622
LSA SP. Z O.O. 2,928,564
LU, GUODI 2,928,543
LU, JIANXIN 2,928,548
LUCZAJ, KRZYSZTOF 2,928,564
LUDOLPH, CHRIS C. 2,928,460
LUGEON, BLAISE 2,928,506
LUNDY, JUSTIN 2,928,729
LUO, TAO 2,928,088
LUO, WENYONG 2,928,115
LUTERO, EMILIO 2,928,242
LUXFER GAS CYLINDERS LIMITED 2,928,083
LYON, ROBERT 2,928,238
M-I L.L.C. 2,928,573
MA, LIQIANG 2,928,118
MAC-THIONG, JEAN-MARC 2,927,955
MACCALLUM, KENNETH 2,928,141
MACK RIDES GMBH & CO. KG 2,928,335
MACKIE, SCOTT 2,928,197
MACKIE, STEPHEN CHARLES 2,928,224
MACKMAN, RICHARD L. 2,928,674
MACLEOD, NEIL ANDREW 2,928,436
MADDEN, JOSHUA 2,928,394
MADRID, REUBIN 2,928,342
MAGER, GERHARD 2,928,765
MAGNA INTERNATIONAL INC. 2,928,092
MAGNA INTERNATIONAL INC. 2,928,643
MAGNAN, JEAN-FRANCOIS 2,928,224
MAGNAN, JEAN-FRANCOIS 2,928,227
MAGNUM SEMICONDUCTOR, INC. 2,928,404
MAGNUSON, THOMAS D. 2,928,373
MAGNUSON, THOMAS D. 2,928,390
MAGUIRE, ALBERT 2,928,617
MAHAJAN, MUKESH 2,928,311
MAHESWARAN, SHYAMALA 2,928,779
MAIDECCHI, ANNA 2,928,551
MALET, FREDERIC 2,928,811
MALLADI, DURGA PRASAD 2,928,088
MALLINCKRODT LLC 2,928,205
MALMQVIST, PATRIC 2,928,124
MAMERI, MOUH OULHADJ 2,928,127
MANABE, AKIYOSHI 2,928,790
MANDL, STEFANIE 2,928,199
MANNINEN, PETER RUDOLPH 2,928,593
MARAL, JEAN-LUC 2,928,529
MARCIANO, EDWARD LAWRENCE 2,928,647
MARCUS, STEPHEN 2,928,585
MARIANI, EDOARDO 2,928,242
MARINUS, CHRISTINA 2,928,771
MARSMAN, JEROEN GERARD 2,928,244
MARTIN, DAVID P. 2,928,731
MARTIN, JEAN-VALERY 2,928,814
MARTIN, STEVEN C. 2,928,496
MARTINEZ, TAMARA 2,928,512
MARTINEZ, TAMARA 2,928,515
MARTINEZ, TAMARA 2,928,516
MARTINI, PIETRO 2,928,344
MARUPADUGA, SREEKAR 2,928,143
MARVER, DAVID L. 2,928,241
MARZANI, BARBARA 2,928,443
MASMOUDI, RADHOUANE 2,928,252
MASOTTI, LEONARDO 2,928,528
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,928,078
MASSERANT, KEITH 2,928,010
MASTER BLASTER PROPRIETARY LIMITED 2,927,367
MASUDA, TAKESHI 2,928,794
MATA, CLARA E. 2,928,111
MATEER, MICHAEL T. 2,928,357
MATSUE, KENJI 2,928,728
MATSUI, TOSHIAKI 2,928,556
MATTEO, ROSALIA 2,928,622
MATTHEWS, PAUL CHANDLER, III 2,928,747
MATTILA, TERHI 2,928,695
MAUCH, KEVIN 2,928,201
MAUL, GEORG 2,928,119
MAYER, GLEN 2,928,217
MAYER, JULIE-ANNE 2,928,217
MCCAGUE, SARAH 2,928,617
MCCAUSLAND, MICHAEL 2,928,267
MCCLURE, DOUGLAS J. 2,928,522
MCCOOL, SCOTT WALTER 2,928,440
MCDANIEL, CATO RUSSELL 2,928,471
MCDONALD, BERNARD FRANCIS 2,928,338
MCDONALD, JAMES 2,928,662
MCELHINNEY, GRAHAM A. 2,928,549
MCEWEN-KING, MAGNUS 2,928,309
MCFADDEN, PATRICK A. 2,928,785
MCGOUGH, HILTON 2,928,487
MCKEE, MATTHEW GARY 2,928,748
MCT BRATTBERG AB 2,928,824
MCVAY, ROBERT 2,928,555
MEANWELL, NICHOLAS A. 2,928,541
MEDEIROS, CLAIRE 2,928,729
MEDIAL RESEARCH LTD. 2,928,271
MEDIATEK SINGAPORE PTE. LTD. 2,928,753
MEDTRONIC MINIMED, INC. 2,928,082
MEDTRONIC XOMED, INC. 2,928,201
MEEKIN, PAUL 2,928,306
MEHTA, KRUNAL KANUBHAI 2,928,134
MEHTA, KRUNAL KANUBHAI 2,928,469
MEIJI CO., LTD. 2,928,560
MEIROVITCH, SIGAL 2,928,727
MELE, MARIA NELLA 2,927,245
MELLANDER, STEFAN 2,928,826
MELNYK, THOMAS J. 2,928,214
MENDIRATTA, SANJEEV KUMAR 2,928,311

MENNE, HUBERT 2,928,243
MENRAD, ANDREAS 2,928,756
MERCATI, VALENTINO 2,928,551
MERCK SHARP & DOHME CORP. 2,928,198
MESCHTER, PETER JOEL 2,928,352
METTRICK, SIMON JONATHAN 2,928,316
MEUNIER, JULIEN 2,928,321
MEYER, DAMON 2,928,238
MEZGHANI, MOKHLES MUSTAPHA 2,928,738
MIAO, RENXIN 2,928,792
MICHALSEN, BRADLEY 2,928,173
MICHEAU, CYRIL 2,928,767
MICHLITSCH, KENNETH J. 2,928,406
MICROPEBBLES INC. 2,928,484
MICROSOFT TECHNOLOGY LICENSING, LLC 2,928,495
MICROSOFT TECHNOLOGY LICENSING, LLC 2,928,601
MICROSOFT TECHNOLOGY LICENSING, LLC 2,928,706
MICROSOFT TECHNOLOGY LICENSING, LLC 2,928,714
MICROSOFT TECHOLOGY LICENSING, LLC 2,928,437
MICROSOFT TECHOLOGY LICENSING, LLC 2,928,445
MICROSOFT TECHOLOGY LICENSING, LLC 2,928,458
MID-AMERICAN GUNITE, INC. DBA MID-AMERICAN GROUP 2,928,010
MIDEA GROUP CO., LTD. 2,928,112
MIDEA GROUP CO., LTD. 2,928,171
MIDEA GROUP CO., LTD. 2,928,297
MIHALCIK, DAVID 2,928,347
MIKLOS, DAVID 2,928,721
MILLER, JONATHAN 2,927,928
MILLS, AUBREY C. 2,928,397
MINNIKANTI, VENKAT S. 2,928,584
MINNIKANTI, VENKAT S. 2,928,690
MINNIKANTI, VENKAT S. 2,928,691
MINSHEW, BRAZOS G. 2,928,777
MINTEK 2,925,349
MIRONOV, OLEG 2,928,104
MIRONOV, OLEG 2,928,678
MISHELEVICH, DAVID J. 2,928,460
MITCHELL, PAUL W.A. 2,928,445
MITCHELL, ROBERT FRANKLIN 2,928,732
MITRA, VIKRAM 2,928,510
MITSUBISHI ELECTRIC CORPORATION 2,928,611
MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD. 2,928,791
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,928,613
MITSUSHIMA, SHIGENORI 2,928,790
MIYAZAKI, HIDEKI 2,928,794
MIYAZAWA, TOMOKO 2,928,619
MO, QI 2,928,115
MODY, KAMLESH 2,928,181
MOELLEKEN, JOERG 2,928,101
MOELLER, ACHIM 2,928,240
MOFFAT, WILLIAM A. 2,928,723
MOHANKA, MADAN MOHAN 2,926,890
MOLLIEX, LUDOVIC 2,928,354
MOLLOY, MARY ELLEN 2,928,173
MOLOGIC LIMITED 2,928,308
MONDOULET, LUCIE 2,928,314
MONNET, EMMANUEL 2,928,317
MONTISERA LTD. 2,928,109
MONZON, SEBASTIAN 2,928,713
MOODY, RYAN 2,928,627
MOON, KYOUNGSOO 2,920,226
MOORE, STEPHEN P. 2,928,576
MORCIANO, DAVIDE 2,928,344
MORGAN, RONNIE GLEN 2,928,206
MORGAN, RONNIE GLEN 2,928,213
MORGUNOV, MIKHAIL SAMUILOVICH 2,928,449
MORIOKA, SANAE 2,928,623
MORISHITA, YASUHITO 2,928,559
MORITA, KOJI 2,928,794
MORO, GUIDO 2,927,090
MORTIER, TODD J. 2,928,527
MOST, CHRISTOPHER L. 2,928,555
MOSTELLER, BARRY 2,928,554
MOTOROLA SOLUTIONS, INC. 2,927,926
MOULIN, CEDRIC 2,928,150
MUKAI, NOBUAKI 2,928,616
MULLER-SIEBERT, REINHARD 2,928,107
MULLER-SIEBERT, REINHARD 2,928,128
MULUMUDI, MAHESH S. 2,928,414
MULUMUDI, SUMAN K. 2,928,414
MUMM, JOHN BRIAN 2,928,710
MURADOV, ANDREI 2,928,535
MURAKAMI, YUTA 2,928,623
MURASE, TAKEFUMI 2,928,559
MURPHY-CHUTORIAN, ERIK 2,928,086
MURRAY, DOUGLAS J. 2,928,400
MURRAY, JAMES CRAWFORD, III 2,928,440
MURRAY, PATRICK R. 2,928,589
MUSALE, DEEPAK A. 2,928,162
MUTHUSAMY, NATARAJAN 2,928,721
MYLAN INC. 2,928,084
NAGASHIMA, IKUO 2,928,790
NAGAYASU, HIROMITSU 2,928,613
NAGRAVISION S.A. 2,928,506
NAIK, MANISHA 2,928,468
NAITO, HIROYUKI 2,928,794
NAKADA, TAKASHI 2,928,794
NAKATANI, SHINSUKE 2,928,613
NALCO COMPANY 2,928,162
NALL, JEFFREY MARC 2,928,253
NAMOUR, FLORENCE SYLVIE 2,928,235
NANOMERICS LTD 2,928,697
NANOPAY INC. 2,928,487
NARAYANAN, ANANTH S. 2,928,801
NARENDRAN, RAJVEEN 2,928,143
NATIONAL OILWELL VARCO, L.P. 2,928,535
NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY 2,928,790
NATUREX-DBS LLC 2,928,631
NAULT, MARIE-LYNE 2,927,955
NAUREX INC. 2,928,701
NE INNOVATION, LLC 2,928,796
NEILSEN-KULJIAN, INC. 2,928,664
NELSON, SHELLEY 2,928,639
NELSON, SHELLEY 2,928,741
NEMASKA LITHIUM INC. 2,928,224
NEMASKA LITHIUM INC. 2,928,227
NESTEC S.A. 2,928,150
NEUMAN, TAL 2,928,718
NEWCO2FUELS LTD. 2,927,364
NEWMAN, RICHARD 2,928,267
NGK SPARK PLUG CO., LTD. 2,928,319
NGUYEN, HUY D. 2,928,664
NGUYEN, MINH NGOC 2,928,658
NGUYEN, MINH NGOC 2,928,665
NHK SPRING CO., LTD. 2,928,787
NI, YAN 2,928,253
NIBCO INC. 2,928,743
NIELSEN, ANDERS WURTZ 2,928,566
NIESTEN, MEIKE 2,928,632
NILSSON, MATTS-AKE 2,928,124
NILSSON, MATTS-AKE 2,928,327
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,928,556
NIQUE, FRANCOIS 2,928,235
NISHIKI, YOSHINORI 2,928,790
NISHIOKA, NAGANORI 2,928,728
NISSENBAUM, DAPHNA 2,928,718
NIU, JUNYING 2,928,171
NODSTOP, LLC 2,927,928
NOGUES, PIERRE 2,928,811
NORMAN, PHILIP ROSS 2,928,164
NOVARTIS AG 2,928,011
NOVARTIS AG 2,928,087
NOVIMMUNE S.A. 2,928,317
NOVOTNY, PAVEL 2,928,404
NSGI TECHNOLOGIES INC. 2,928,766
NSVASCULAR, INC. 2,928,532
NUOVO PIGNONE SRL 2,928,318
NUSCALE POWER, LLC 2,926,637
O'CONNOR, SEAN M. 2,928,804
O'DONNELL, SHANE MICHAEL 2,928,492
OAKLAND UNIVERSITY 2,928,709
OCHOA, MARTA CIFUENTES 2,928,830
ODDEN, JON 2,903,513
OESSER, STEFFEN 2,928,222
OFT, MARTIN 2,928,710
OGITANI, YUSUKE 2,928,794
OHARA, HIROKI 2,928,560
OISHI, TSUYOSHI 2,928,613
OKADA, YURUKI 2,928,611
OKAMURA, KATSUMI 2,928,761
OKAMURA, NOBUYUKI 2,928,313
OKUMURA, NAOKI 2,928,626
OKUYAMA, NORIYUKI 2,928,393

OKUYAMA, YASUO 2,928,319
OLDSEN, DEREK 2,928,743
OLESZKIEWICZ, JAN 2,928,497
OLIVEIRA, GILSON APARECIDO HERMENEGILDO DE 2,928,538
OLIVIERO, JAMES F., III 2,928,200
OLSEN, GARRETT T. 2,928,637
OLSON, CHRISTOPHER L. 2,928,203
OLSON, JUDD D. 2,928,102
OLSON, STEVEN R. 2,928,466
OMYA INTERNATIONAL AG 2,928,659
ONBONE OY 2,928,113
ONBONE OY 2,928,116
ONG, WINSTON Z. 2,928,658
ONG, WINSTON Z. 2,928,665
OPKO BIOLOGICS LTD. 2,928,269
OPTASENSE HOLDINGS LIMITED 2,928,309
ORESIC, BRUNO 2,928,784
ORION CORPORATION 2,928,695
ORUM, HENRIK 2,928,349
OSBORN, STEVE 2,928,219
OSTENSSON, OLOF 2,928,578
OTIENO, PAULINE AKINYI 2,928,206
OTIENO, PAULINE AKINYI 2,928,213
OUT RAGE, LLC 2,928,408
OZGENE HOLDINGS PTY LTD 2,928,744
PADMANABHAN, ANAND 2,928,822
PALMER, JUSTIN C. 2,927,027
PAN, WUBIN 2,928,300
PANEDA, COVADONGA 2,928,512
PANEDA, COVADONGA 2,928,515
PANEDA, COVADONGA 2,928,516
PAOLANTONIO, SERGIO 2,928,706
PAPADIMITRIOU, APOLLON 2,928,101
PAPROCKI, BENJAMIN JOHN 2,928,155
PAREKH, GITA 2,928,308
PARENT, STEFAN 2,927,955
PARIS, KEVIN SCOTT 2,928,198
PARSELL, TRENTON 2,928,831
PARSSINEN, ANTTI 2,928,113
PARSSINEN, ANTTI 2,928,116
PARTRIDGE, MICHAEL 2,928,730
PASCHOALINO, MATHEUS PAES 2,928,160
PASKEVICIUS, AUDRIUS 2,928,455
PATEL, CHINTAN 2,928,311
PATEL, MAHESH VITHALBHAI 2,928,358
PATEL, MAHESH VITHALBHAI 2,928,364
PATEL, MAHESH VITHALBHAI 2,928,368
PATHICHERIL, BEANA 2,928,577
PATNI, ARCHANA 2,928,801
PAULI, PETER 2,928,120
PEARSE, GARY 2,928,224
PEARSE, GARY 2,928,227
PEARSON, ERIC C. 2,928,404
PEDERSEN, WILLIAM E. 2,928,408
PEETERS, ERIC 2,928,147
PEETERS, ERIC 2,928,154
PEETERS, ERIC 2,928,196
PEIXOTO, CHRISTOPHE 2,928,235
PELED, AMNON 2,928,315
PELELLA, MARCO 2,928,318
PELL, CHARLES ANTHONY 2,928,627
PELLED, DORI 2,928,718
PELOSI, GIULIO 2,928,528
PENDRI, ANNAPURNA 2,928,541
PEOPLE FOR THE ETHICAL TREATMENT OF ANIMALS 2,928,726
PERKINELMER HEALTH SCIENCES, INC. 2,928,376
PETERLONGO, FEDERICO 2,928,304
PETERLONGO, FEDERICO 2,928,305
PETERSON, ANDREW J. 2,928,111
PETIT, JULIEN 2,928,784
PETORAK, CHRISTOPHER A. 2,928,776
PFISTER, KARL GERHARD 2,928,250
PHARMACYCLICS LLC 2,928,721
PHELPS, DAVID 2,928,743
PHERECYDES PHARMA 2,928,540
PHILIP MORRIS PRODUCTS S.A. 2,928,104
PHILIP MORRIS PRODUCTS S.A. 2,928,346
PHILIP MORRIS PRODUCTS S.A. 2,928,678
PHILLIPS, GRANT WESLEY 2,928,740
PHILLIPS, SCOTT W. 2,928,182
PHYSCIENT, INC. 2,928,627
PICHA, GEORGE J. 2,928,740
PIERRE, NICOLAS 2,928,348
PIEZOTECH, LLC 2,928,202
PIKE, IAN HUGO 2,928,510
PIONEER HI-BRED INTERNATIONAL, INC. 2,928,830
PIRAMAL ENTERPRISES LIMITED 2,928,542
PIRAMAL, SWATI AJAY 2,928,542
PISKLAK, THOMAS JASON 2,928,206
PISKLAK, THOMAS JASON 2,928,213
PITTS, LOGAN D. 2,928,742
PIVETTI, FAUSTO 2,928,242
PIXIE SCIENTIFIC, LLC 2,928,798
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 2,928,534
PLASSON, FABRICE 2,928,127
PLESSIS, GUILLAUME 2,928,535
PNEUMATIC SERVO CONTROLS LTD. 2,928,556
PODGORSKI, MICHAEL 2,928,354
PODSAKOFF, GREGORY 2,928,617
POHL, BRENT 2,928,589
POLLOCK, WESTON 2,926,637
POND BIOFUELS INC. 2,928,496
PORADOSU, ENRIQUE 2,928,200
PORTER, RICHARD M. 2,928,080
POSNER, JONATHAN 2,928,241
POTOCKI, JOHN RICHARD 2,928,092
POUILLOT, FLAVIE 2,928,540
POWELL, ANTHONY L. 2,928,533
POWELL, KEVIN 2,928,394
POYYARA, RAGI LOHIDAKSHAN 2,928,134
POYYARA, RAGI LOHIDAKSHAN 2,928,469
PPG INDUSTRIES OHIO, INC. 2,928,529
PPG INDUSTRIES OHIO, INC. 2,928,555
PRADIP, MISTRY 2,928,379
PRANOVICH, ANDREY 2,928,109
PRAXAIR S.T. TECHNOLOGY, INC. 2,928,776
PRENCIPE, MICHAEL 2,928,095
PREVOTAT, FRANCOIS 2,928,150
PRICE, JOHN FORESTER 2,928,535
PROLYNX LLC 2,928,407
PROUD, DAVID JOHN 2,928,130
PRYSMIAN S.P.A. 2,928,525
PULLEY, GREGORY 2,928,202
PUPPALA, MADHAV SAI 2,928,576
PURDUE RESEARCH FOUNDATION 2,928,831
PUROHIT, ANKIT 2,928,550
QIN, ZIHUI 2,928,173
QIU, GANG 2,928,562
QTRAN, INC. 2,928,183
QUAGLIA, ALBERTO 2,928,510
QUALCOMM INCORPORATED 2,928,088
QUALCOMM INCORPORATED 2,928,210
QUANTTUS, INC. 2,928,197
QUINIO, PAULINE 2,928,638
RAGHURAMAN, ARJUN A. 2,928,691
RAINVILLE, MICHAEL R. 2,928,716
RAISSINIA, ALIREZA 2,928,210
RAJADHYAKSHA, MANOJ 2,928,730
RAMEY, KIRK D. 2,928,557
RAPOPORT, WILLIAM ROSS 2,928,425
RAPTOR PHARMACEUTICALS INC. 2,928,442
RASKIN, ILYA 2,928,752
RAUTENBACH, GEORGE FREDERICK 2,928,524
RAVA, RICHARD P. 2,928,185
RAWAT, ANKUR 2,928,810
RAWOOL, AMITKUMAR SURESH 2,928,469
REALE, RICCARDO 2,928,587
REBEL, ESTELLE 2,928,321
RECKTENWALD, MICHAEL 2,928,805
REFREGIERS, MATTHIEU 2,928,117
REGAL BELOIT AMERICA, INC. 2,928,182
REGENERON PHARMACEUTICALS, INC. 2,927,319
REGENERON PHARMACEUTICALS, INC. 2,928,730
REGULA, JOERG THOMAS 2,928,101
REIMERS, ROBERT S. 2,928,497
REINHALL, PER G. 2,928,241
RELIANCE DOORS PTY LTD 2,928,126
REN, ZHEN 2,928,562
RENEWABLE FIBERS LLC DBA RF WASTEWATER, LLC 2,928,365

RENNYSON, DAVID JAMES 2,928,357
RETAILMENOT, INC. 2,928,002
REYNOLDS, QUINN GARETH 2,925,349
REYTIER, MAGALI 2,928,784
RHINE, WENDELL E. 2,928,347
RHONEMUS, TROY 2,928,656
RIBEIRO, FABIO HENRIQUE 2,928,831
RIBER, DITTE 2,927,458
RICOH COMPANY, LTD. 2,928,322
RIOS, GABRIELLE A. 2,928,460
RIOUX, PATRICE 2,928,442
RITTER, GEBHARD 2,928,108
RIVKIN, AMIT 2,928,727
RIZZI, ENRICO 2,928,802
ROBERTS, JAMES MARTIN 2,928,570
ROBERTS, R. MICHAEL 2,928,726
ROBEY, RAYMOND JOHN 2,928,155
ROBINSON, JESSE EUGENE 2,928,155
ROCHE INNOVATION CENTER COPENHAGEN A/S 2,928,349
RODRIGUEZ, JASSON 2,928,082
ROHLOFF, JOHN 2,928,207
ROHM AND HAAS COMPANY 2,928,807
ROOS, MANFRED 2,928,633
RORVIK, HELGE 2,928,139
ROSA, MONICA 2,928,338
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,928,579
ROSOCHA, ELIZABETH 2,928,639
ROSOCHA, ELIZABETH 2,928,741
ROSS ROBOTICS LIMITED 2,928,164
ROSTAMI, SHAMSEDIN 2,928,646
ROTHMAN, JOHN 2,928,568
ROUNTREE, RYAN 2,928,199
ROVERSO, ROBERTO 2,928,587
ROWE, MATHEW DENNIS 2,928,137
RUAG AMMOTEC GMBH 2,928,157
RUIZ-AVILA, LUIS 2,928,526
RUMMELT, STEPHAN 2,928,148
RUSSELL, DAVID 2,928,813
RUSSELL, JAMES 2,928,829
RUSSELL, MICHAEL EDWARD PHILIP 2,928,217
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,928,752
RYSDAM, REX A. 2,928,080
RYVES, WILLIAM JONATHAN 2,928,773
SABBADINI, ROGER A. 2,928,622
SADASIVAN VIJAYAKUMARI, SIVAKUMAR 2,928,158
SADASIVAN VIJAYAKUMARI, SIVAKUMAR 2,928,244
SADASIVAN VIJAYAKUMARI, SIVAKUMAR 2,928,246
SAFAEE, ALIREZA 2,928,090
SAFAEI TAKHTEHFOULADI, ELHAM 2,928,497
SAFERNA DAWID 2,928,446
SAFERNA, ADAM 2,928,446
SAFRAN 2,928,354
SAHA, BASUDEB 2,928,831
SAINT-GOBAIN GLASS FRANCE 2,928,789
SAKAGUCHI, YUKA 2,928,629
SAKAI, KOJI 2,928,393
SALK INSTITUTE FOR BIOLOGICAL STUDIES 2,928,135
SAMBETH, ULRICH 2,928,797
SAMUEL, ROBELLO 2,928,739
SANBORN, RICHARD ADDISON 2,928,158
SANBORN, RICHARD ADDISON 2,928,246
SANBORN, RICHARD ADDISON 2,928,624
SANDERSON, ERIC C. 2,928,706
SANDLIE, INGER 2,928,700
SANDS, LENNY 2,928,421
SANDVIK INTELLECTUAL PROPERTY AB 2,928,124
SANDVIK INTELLECTUAL PROPERTY AB 2,928,327
SANOFI 2,928,320
SANOFI 2,928,638
SANTAGUIDA, MARIANNE 2,928,671
SANTI, DANIEL V. 2,928,407
SARKAR, KAUSHIK 2,928,341
SASAKI, KATSUMI 2,928,556
SASAKI, TASUKU 2,928,623
SASTRY-DENT, LAKSHMI 2,928,666
SAUDI ARABIAN OIL COMAPNY 2,928,738
SAUNDERS, LAURA 2,928,671
SAUTER, ROLAND 2,928,686
SAVELL, TOM 2,928,437
SCHAEFER, MICHAEL 2,928,205
SCHAFER, FRANK 2,928,520
SCHATZLEIN, ANDREAS 2,928,697
SCHAUST, STEVEN J. 2,928,825
SCHECKEL, MARIO 2,928,161
SCHECKEL, MARIO 2,928,628
SCHEINER, DAVID 2,927,364
SCHIFFLER, MATTHEW ALLEN 2,928,593
SCHILBACH, KARIN 2,928,756
SCHLOM, JEFFREY 2,928,140
SCHLUETER, DOUGLAS 2,928,011
SCHLUMBERGER CANADA LIMITED 2,928,549
SCHNEIDER, ERIC L. 2,928,407
SCHOENHERR, DWIGHT B. 2,928,102
SCHOONEBEEK, RONALD JAN 2,928,795
SCHOUTEN, JAMES 2,928,308
SCHRADER, JOSEPH A. 2,928,714
SCHUBERT, ULRICH S. 2,926,154
SCHULTZ, ANDREW MAX 2,928,114
SCHUMACHER, JORG 2,928,628
SCHWARTZ, DANIEL RONALD 2,928,114
SCHWARZ, DANIEL E. 2,928,162
SCHWEICH, CYRIL J., JR. 2,928,527
SCHWESINGER, MARK D. 2,928,706
SEATTLE GENETICS, INC. 2,928,238
SEAVER, CHAD ERIC 2,928,531
SEEGRID OPERATING CORPORATION 2,928,184
SEELEAF, INC. 2,928,581
SEKISUI CHEMICAL CO., LTD. 2,928,405
SELFRAG AG 2,928,107
SELFRAG AG 2,928,128
SERVICIOS ADMINISTRATIVOS PENOLES, S.A. DE C.V. 2,926,945
SESHA, SUBRAMONY 2,928,801
SESHAN, NATARAJAN KURIAN 2,928,437
SETOYAMA, MAKOTO 2,928,761
SEYER, DAVID 2,928,563
SHAH, JITENDRA T. 2,928,162
SHALEV, VARDA 2,928,271
SHALGI, NETTA 2,928,310
SHANG, LIMIN 2,928,317
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 2,928,754
SHANGHAI SHENGXIANG SCIENCE AND TECHNOLOGY CO., LTD. 2,928,792
SHAO, ZHUO 2,928,702
SHARMA, MUKUL M. 2,928,669
SHASHA, AARON 2,928,796
SHELAR, RAHUL RAMESH 2,928,542
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,928,158
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,928,244
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,928,246
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,928,624
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,928,795
SHELTERED WINGS, INC. 2,928,409
SHEPPARD, JEFF 2,928,788
SHI, GENBAO 2,928,827
SHI, NING 2,928,792
SHINKAI, KENJI 2,928,619
SHIRAKAWA, YOSHIHIRO 2,928,728
SHIRE HUMAN GENETIC THERAPIES, INC. 2,928,078
SHIRE HUMAN GENETIC THERAPIES, INC. 2,928,186
SHIRE HUMAN GENETIC THERAPIES, INC. 2,928,188
SHORT BROTHERS PLC 2,928,267
SHOSEYOV, ODED 2,928,727
SHOWERS, BRIAN KEITH 2,928,002
SHROFF, JAIDEV RAJNIKANT 2,928,538
SHROFF, VIKRAM RAJNIKANT 2,928,538
SHUKLA, ASHISH KUMAR 2,928,210
SHUKLA, PRAVEEN K. 2,928,190
SHYU, GARY 2,928,730

SI TECH AB 2,928,607
SICPA HOLDING SA 2,928,108
SIEGEL, ALEXANDER J. 2,928,203
SIEGEL, DUSTIN 2,928,674
SIEMENS S.A.S. 2,928,303
SIGMOID PHARMA LIMITED 2,928,338
SIKLOS, MARTON 2,928,131
SILVANO, MARK A. 2,928,807
SILVESTRINI, PATRICK CHARLES 2,928,346
SIMON, MARISSA K. 2,928,830
SIRIPURAPU, SRINIVAS 2,928,719
SIVIK, MARK ROBERT 2,928,748
SKINNER, LESLIE JOHN 2,928,433
SKOCYPEC, BRIAN P. 2,928,716
SLEGEL, TIMOTHY 2,928,277
SLOAT, JEFFREY T. 2,928,099
SMITH, BRYAN JOHN 2,928,341
SMITH, JEFFREY P. 2,928,084
SMITH, LIANNE 2,928,188
SMITH, LOIS 2,928,702
SMITH, ROBERT MITCHELL 2,928,706
SNECMA 2,928,354
SNECMA 2,928,696
SNELL, DANIEL 2,928,756
SNPSHOT TRUSTEE LIMITED 2,928,780
SNPSHOT TRUSTEE LIMITED 2,928,781
SNPSHOT TRUSTEE LIMITED 2,928,782
SNPSHOT TRUSTEE LIMITED 2,928,815
SOCIETE D'EXPLOITATION DES SOURCES ROXANE 2,928,809
SOCPRA SCIENCES ET GENIE S.E.C. 2,928,252
SOIL SCOUT OY 2,928,369
SOKOLOWSKI, JANUSZ 2,928,564
SOLO, ASHU M. 2,928,504
SOMALOGIC, INC. 2,928,207
SONY CORPORATION 2,928,248
SORRENTO THERAPEUTICS INC. 2,928,543
SORRENTO THERAPEUTICS, INC. 2,928,539
SOTTMAN, THOMAS 2,928,632
SOUZA, DANIEL DAVID 2,928,631
SPAAS, JAN HILDA MARIE JOZEF 2,928,122
SPAHNIE, BRIAN MORGAN 2,928,253
SPALLEK, MICHAEL 2,928,686
SPETZLER, DAVID 2,928,520
SPHERIUM BIOMED S.L. 2,928,526
SPIES, FRANK 2,928,795
SPRINT COMMUNICATIONS COMPANY L.P. 2,928,143
SREEKRISHNA, KOTIKANYADANAM TATACHAR 2,928,204
SRINIVASAN, SRIDHAR 2,928,458
SRIRAM, SHREEDHARAN 2,928,666
SRIVASTAV, SANT K. 2,928,190
SRIVASTAVA, ALOK 2,928,190
SRIVASTAVA, BRIJESHKUMAR 2,928,097
SRIVASTAVA, SURESH C. 2,928,190
STAFFEL, THOMAS 2,928,329
STAN, FELIX 2,928,136
STANISLAUS, MARIA CHARLES VIJA 2,928,203
STEELE, STUART 2,928,126
STEEN, STIG 2,928,455
STEINER, MATTHEW 2,928,086
STEMCENTRX, INC. 2,928,671
STENERSON, KENNETH 2,928,549
STEPHENSON, AMBER 2,928,584
STEPHENSON, AMBER 2,928,690
STEPHENSON, AMBER 2,928,691
STEPHENSON, AMBER 2,928,692
STIFTER, TRAVIS GERALD 2,928,705
STOESZ, CARL W. 2,928,400
STOREN, NICHOLAS 2,928,126
STOWELL, DAVIN 2,928,774
STREY, REINHARD 2,928,632
STREZOV, LAZAR 2,928,219
STUDIENGESELLSCHAFT KOHLE MBH 2,928,148
STULL, DAVE 2,903,513
STULL, ROBERT A. 2,928,671
SU, ELLEN 2,928,713
SUH, JAE MYOUNG 2,928,135
SUKHAVASI, RAVI TEJA 2,928,088
SULLIVAN, GARY J. 2,928,495
SUMITOMO ELECTRIC HARDMETAL CORP. 2,928,761
SUN, HAI 2,928,118
SUNADA, YOSHIO 2,928,790
SUNDARAM, SAIRAM 2,928,352
SUTHAR, ASHISH CHANDRAKANT 2,928,542
SUZHOU CONNECT BIOPHARMACEUTICALS, LTD. 2,928,300
SUZUKI, KOUO 2,928,623
SVEDBERG, PETER 2,928,826
SVENSSON, ARVID 2,928,327
SWAGELOK COMPANY 2,928,522
SWITKA KRZYSZTOF JAN 2,928,564
SYLENTIS SAU 2,928,512
SYLENTIS SAU 2,928,515
SYLENTIS SAU 2,928,516
SYMBOL TECHNOLOGIES, LLC 2,928,403
SYMBOL TECHNOLOGIES, LLC 2,928,416
SYMONS, PETER 2,928,224
SYMONS, PETER 2,928,227
SYNCHROTRON SOLEIL 2,928,117
SZAMLEWSKI, CHRISTOPHE 2,928,640
SZE, DANIEL H. 2,928,466
TABUTEAU, HERRIOT 2,928,350
TAGNETICS, INC. 2,928,410
TAJIMA, NORIHIRO 2,928,787
TAKANOHASHI, TOSHIYUKI 2,928,619
TALAMONTI, ENZO 2,928,545
TALMA, AUKE GERARDUS 2,928,332
TAMURA, IWAO 2,928,247
TANAHASHI, KAZUHIRO 2,928,629
TANAKA, EIICHI 2,928,248
TANAKA, HIROSHI 2,928,613
TANENBAUM, LEE 2,928,470
TANNER, STEPHEN 2,928,209
TANTERI, SIMONE 2,928,318
TAUHARDT, LUTZ 2,926,154
TAYLOR, DANA A. 2,928,531
TAYLOR, PAUL MICHAEL 2,928,508
TECHPLAST SPOLKA Z O.O. 2,928,446
TEGA INDUSTRIES LIMITED 2,926,890
TELUGU, BHANU PRAKASH V. L. 2,928,726
TEMUR, AYTAC 2,928,643
TENA SALCIDO, CARLOS SERGIO 2,926,945
TEPHA, INC. 2,928,731
TERADA, YUSUKE 2,928,787
TESCHEMAKER, ADRIAN R. 2,928,183
TESHLER, MIRON 2,928,226
TESSITORE, JOSEPH ANTHONY 2,928,647
TETRA LAVAL HOLDINGS & FINANCE S.A. 2,928,344
TEXIER, STEPHANE 2,928,809
THALJI, NABIL K. 2,928,762
THATCHER, GREGORY R. 2,928,131
THATCHER, GREGORY R. 2,928,173
THATIKONDA, SANTHOSH K. 2,928,190
THAUERN, HENRIKE 2,928,329
THE AUSTRALIAN NATIONAL UNIVERSITY 2,927,396
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,928,131
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,928,173
THE CHILDREN'S HOSPITAL OF PHILADELPHIA 2,928,617
THE CHILDREN'S HOSPITAL OF PHILADELPHIA 2,928,762
THE CRUCIBLE GROUP PTY LTD 2,928,219
THE CURATORS OF THE UNIVERSITY OF MISSOURI 2,928,726
THE DOSHISHA 2,928,626
THE GENERAL HOSPITAL CORPORATION 2,928,779
THE PROCTER & GAMBLE COMPANY 2,928,204
THE PROCTER & GAMBLE COMPANY 2,928,436
THE PROCTER & GAMBLE COMPANY 2,928,439
THE PROCTER & GAMBLE COMPANY 2,928,748
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 2,928,359
THE ROYAL MINT LIMITED 2,928,425
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,928,617

THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS 2,927,062
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,928,140
THE UNIVERSITY OF ARIZONA 2,927,062
THE UNIVERSITY OF MANCHESTER 2,928,166
THE YOKOHAMA RUBBER CO., LTD. 2,928,552
THOMAS, SATISH 2,928,458
THOMPSON, JASON DONALD 2,928,147
THOMPSON, JASON DONALD 2,928,154
THOMPSON, JASON DONALD 2,928,196
THOMSON LICENSING 2,928,152
THORENS, MICHEL 2,928,678
THORLABS, INC. 2,928,693
THRONDSON, SCOTT JASON 2,928,002
THUONG, OLIVIER PAUL JACQUES THANH MINH 2,928,302
THUONG, OLIVIER PAUL JACQUES THANH MINH 2,928,307
THWAITES, STEPHEN A. 2,928,719
TIAN, FENG 2,928,155
TINDALL, DEBRA 2,928,181
TIPA CORP. LTD 2,928,718
TIUSANEN, JOHANNES 2,928,369
TODDYWALA, ROHINTON D. 2,928,736
TODOROVA, SILVIA IVANOVA 2,928,226
TOLBORG, JAKOB LIND 2,927,458
TOLLENBOOM, THIERRY 2,928,530
TONETTI, DEBRA 2,928,173
TONTI, NICHOLAS 2,928,412
TORAY INDUSTRIES, INC. 2,928,629
TORRI, ALBERT 2,928,730
TORRICELLI, GIONATAN 2,928,528
TORRIS, ANTHONY VIPAN 2,928,774
TOWER DYNAMICS LLC 2,926,823
TOYO KOHAN CO., LTD. 2,928,616
TOYOTA, KENJI 2,928,560
TRABOLD, KLAUS 2,928,243
TRANSOCEAN SEDCO FOREX VENTURES LIMITED 2,928,699
TRAVEL LIGHT LTD. 2,928,310
TRCKA, MILAN 2,928,460
TREMAINE, JOHN M. 2,928,183
TRIBALLEAU, NICOLAS 2,928,235
TRILOBITE INNOVATION AS 2,928,610
TROKHAN, PAUL DENNIS 2,928,748
TRUINJECT MEDICAL CORP. 2,928,460
TRUSTEES OF BOSTON UNIVERSITY 2,928,557
TSANG, KWONG-YOK 2,928,140
TSENG, ERICK 2,928,651
TSIBERIDIS, KONSTANTINOS 2,928,663
TSUKIHARA, NOZOMI 2,928,761
TSURUDA, TOMOYUKI 2,928,616
TUCKER, WARD C. 2,928,609
TULANE UNIVERSITY 2,928,497
TURNER, CYRIL JOHN 2,928,440
TURNER, MARK 2,928,349
TURNG, BEN 2,928,589
TYSON, KERRY LOUISE 2,928,341
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